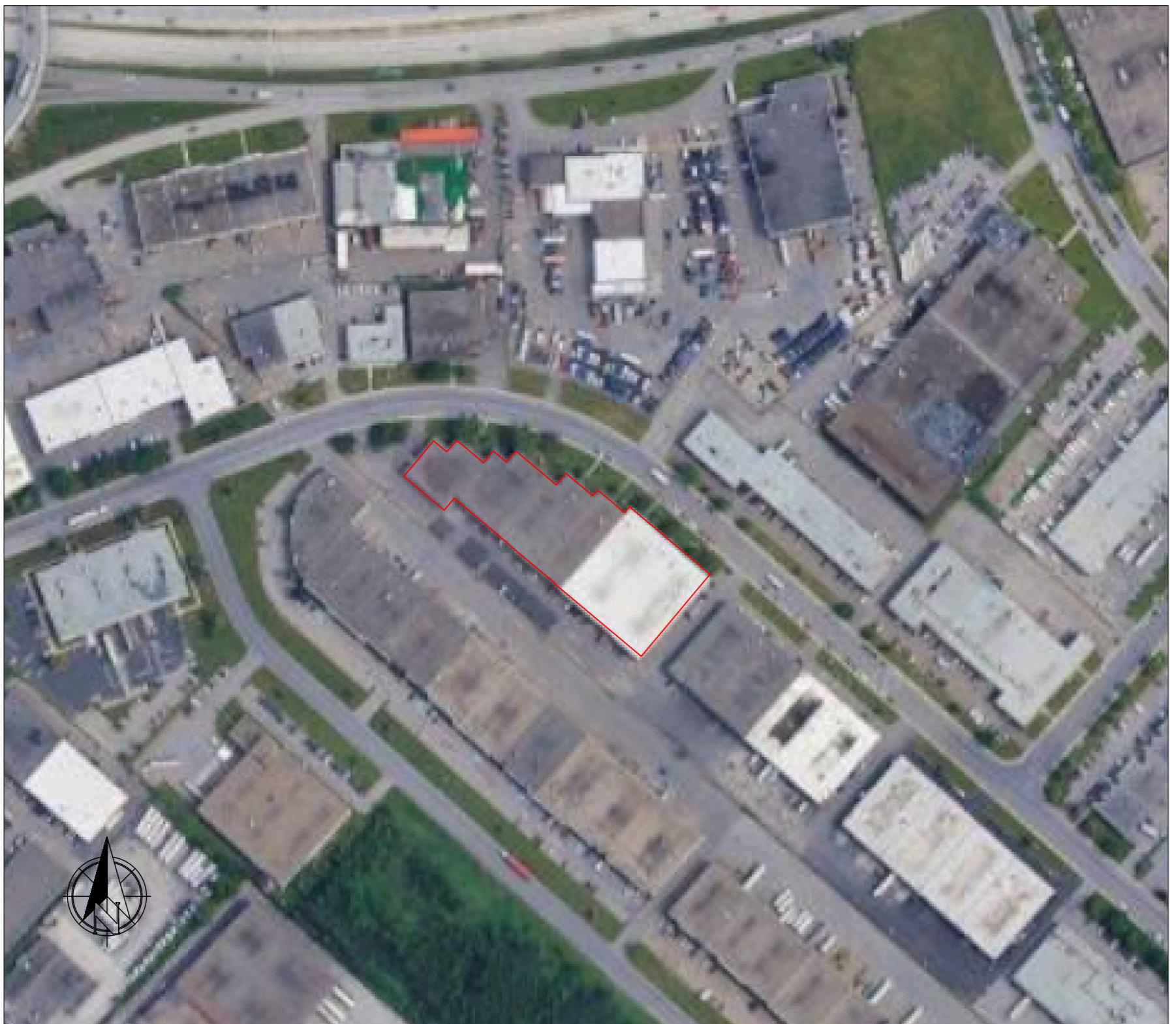


700 Rue McCaffrey - 899.4 kW (dc)

700 Rue McCaffrey, Saint-Laurent, QC H4T 1N1

NOTE:
1439 Modules (Jinko 625W)
DC Output: 899.38 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

C-1.0 COVER SHEET

M-1.0 SITE PLAN & PROJECT SUMMARY

M-2.0 ROOF PLAN (LAYOUT)

M-3.0 LOAD REPORT

M-4.0 BALLAST PLAN

M-5.0 RAIL PLAN (IF APPLICABLE)

| | | |
|--------------|-------|----------|
| PROJECT NO.: | DATE: | VERSION: |
| - | | C-1.0 |
| 2025/12/17 | | 1 OF 37 |
| DRAWING NO. | | |

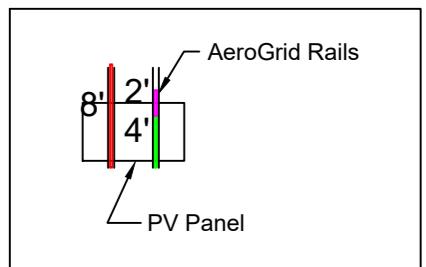
| | |
|--|----------------|
| PROVIDER | CLIENT |
| KB RACKING® | kWh Quebec Inc |
| DRAFTING TITLE: | |
| PROJECT: | |
| 1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA | |
| TOLL-FREE TEL: 1 888 661 3204 LOCAL TEL: 416 532 2500 EMAIL: info@kracking.com | |
| WWW.KRACKING.COM | |

| | | |
|--------------|-------------|-------------|
| DRAWN BY: | CHECKED BY: | VERSION: |
| M.N. | Z.U. | 1 |
| PROJECT NO.: | | DRAWING NO. |
| - | | - |
| DATE: | | 2025/12/17 |
| SHEET: | | 1 OF 37 |
| C-1.0 | | |

| Project Information | | Site Plan - Project Summary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|-----------------------|---------------------|---------------------|---|------------------------------|-------------|----------------|------------------|----------------------|-----------------------|---------------------|-------------------|--|------------------------------|-------------|-----------|-------------|----------|--------|---------|------|-------------------|---------|-------------|---------------------|-----|--------|-------------------|---------|------|------|---------|------|---|-----|--------|--------|---------|------|------|---------|------|---|-----|--------|--------|---------|------|------|---------|------|---|----|--------|--------|---------|--------|------|---------|------|---|-----|--------|--------|---------|------|------|---------|------|---|-----|--------|--------|---------|------|------|---------|------|---|-----|--------|--------|--------|------|------|--------|------|---|-----|--------|--------|---------|------|------|---------|------|----|-----|--------|--------|--------|------|------|--------|------|----|-----|--------|--------|---------|------|------|---------|------|-------|------|----------------------|----------|--|---------------------|----------|--|--|
| Client Name | kWh Quebec Inc | <p>GENERAL NOTES:</p> <ol style="list-style-type: none"> 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: <ul style="list-style-type: none"> 3.1 NATIONAL BUILDING CODE OF CANADA (NBCC) 2005, 2010 and 2015 <ul style="list-style-type: none"> • 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) • α_w = Wind Load Factor (Section 4.1.3.2) • α_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 <p>*Ballast to Resist Uplift = $(\alpha_w \cdot I_w \cdot q_{50} \cdot C_e) \cdot [C_p \cdot C_g \cdot \text{uplift} \cdot \text{Auplift}] - \alpha_D \cdot M / \alpha_D$</p> <p>*Ballast to Resist Drag = $[\alpha_w \cdot q_{50} \cdot C_e \cdot (1000/9.81)] \cdot [(C_p \cdot C_g) \cdot \text{drag} \cdot A_{drag} \cdot (1/f_n) + C_p \cdot C_g \cdot \text{uplift} \cdot \text{Auplift}] - \alpha_D \cdot M / \alpha_D$</p> <p>4. A PROFESSIONAL STRUCTURAL ENGINEER LICENSED WHERE THE RACKING SYSTEM WILL BE INSTALLED IS REQUIRED TO APPROVE THE DESIGN.</p> <p>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.</p> <p>6. THE MOUNTING SYSTEM SHALL BE INSTALLED AS PER KB RACKING SPECIFICATIONS AND PROCEDURES.</p> <p>7. INSTALL THE SPECIFIED PHOTOVOLTAIC MODULES ONLY. ANY CHANGES IN THE MODULE SIZE OR TYPE MUST BE NOTIFIED TO KB RACKING INC.</p> <p>8. ANY CHANGES IN THE MOUNTING SYSTEM LAYOUT IS NOT PERMITTED UNLESS APPROVED BY KB RACKING INC.</p> <p>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.</p> <p>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 CONCERN, PLEASE CONTACT KB RACKING INC.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Panel Count | 1439 | <p>NOTE: 1439 Modules (Jinko 625W) DC Output: 899.38 kW (DC) AeroGrid L: 10 Degree Tilt Row Spacing: 1.56m Inter-Row Spacing: 0.44m Setback from edge: 1.22m</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Address | 700 Rue McCaffrey, Saint-Laurent, QC H4T 1N1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Size (kW) | 899.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: q_{50} (kPa) | 0.44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposure Factor: C_e | 0.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sea Level (ft) | 0-999 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LB Factor | 22.97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind Load Factor: α_w | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dead Load Factor: α_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 | 7 | 0 | 162 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SITE PLAN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>LOADING INFORMATION</p> <table border="1"> <thead> <tr> <th>Array</th> <th>Number of Panels</th> <th>Array Area (m^2)</th> <th>Area Reduction Factor</th> <th>Uplift Ballast (kg)</th> <th>Drag Ballast (kg)</th> <th>Additional Ballast per Panel Due to Drag (kg)</th> <th>Total Ballast for Array (kg)</th> <th>Average PSF</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>131</td> <td>489.93</td> <td>0.1318</td> <td>2443.58</td> <td>0.00</td> <td>0.00</td> <td>2443.58</td> <td>3.50</td> </tr> <tr> <td>2</td> <td>175</td> <td>654.48</td> <td>0.1176</td> <td>1818.91</td> <td>0.00</td> <td>0.00</td> <td>1818.91</td> <td>3.05</td> </tr> <tr> <td>3</td> <td>150</td> <td>560.99</td> <td>0.1251</td> <td>2061.21</td> <td>0.00</td> <td>0.00</td> <td>2061.21</td> <td>3.24</td> </tr> <tr> <td>4</td> <td>167</td> <td>624.57</td> <td>0.1200</td> <td>1590.39</td> <td>0.00</td> <td>0.00</td> <td>1590.39</td> <td>3.01</td> </tr> <tr> <td>5</td> <td>87</td> <td>325.37</td> <td>0.1614</td> <td>2214.65</td> <td>228.05</td> <td>0.00</td> <td>2214.65</td> <td>3.86</td> </tr> <tr> <td>6</td> <td>108</td> <td>403.91</td> <td>0.1473</td> <td>1473.43</td> <td>0.00</td> <td>0.00</td> <td>1473.43</td> <td>3.23</td> </tr> <tr> <td>7</td> <td>125</td> <td>467.49</td> <td>0.1359</td> <td>2379.92</td> <td>0.00</td> <td>0.00</td> <td>2379.92</td> <td>3.52</td> </tr> <tr> <td>8</td> <td>116</td> <td>433.83</td> <td>0.1419</td> <td>931.03</td> <td>0.00</td> <td>0.00</td> <td>931.03</td> <td>2.92</td> </tr> <tr> <td>9</td> <td>102</td> <td>381.47</td> <td>0.1513</td> <td>1503.22</td> <td>0.00</td> <td>0.00</td> <td>1503.22</td> <td>3.29</td> </tr> <tr> <td>10</td> <td>117</td> <td>437.57</td> <td>0.1412</td> <td>973.22</td> <td>0.00</td> <td>0.00</td> <td>973.22</td> <td>2.94</td> </tr> <tr> <td>11</td> <td>161</td> <td>602.13</td> <td>0.1218</td> <td>2509.05</td> <td>0.00</td> <td>0.00</td> <td>2509.05</td> <td>3.33</td> </tr> <tr> <td>Total</td> <td>1439</td> <td>Total Ballast Weight</td> <td>19898.61</td> <td></td> <td>Total System Weight</td> <td>84996.96</td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | | | Array | Number of Panels | Array Area (m^2) | 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 | 131 | 489.93 | 0.1318 | 2443.58 | 0.00 | 0.00 | 2443.58 | 3.50 | 2 | 175 | 654.48 | 0.1176 | 1818.91 | 0.00 | 0.00 | 1818.91 | 3.05 | 3 | 150 | 560.99 | 0.1251 | 2061.21 | 0.00 | 0.00 | 2061.21 | 3.24 | 4 | 167 | 624.57 | 0.1200 | 1590.39 | 0.00 | 0.00 | 1590.39 | 3.01 | 5 | 87 | 325.37 | 0.1614 | 2214.65 | 228.05 | 0.00 | 2214.65 | 3.86 | 6 | 108 | 403.91 | 0.1473 | 1473.43 | 0.00 | 0.00 | 1473.43 | 3.23 | 7 | 125 | 467.49 | 0.1359 | 2379.92 | 0.00 | 0.00 | 2379.92 | 3.52 | 8 | 116 | 433.83 | 0.1419 | 931.03 | 0.00 | 0.00 | 931.03 | 2.92 | 9 | 102 | 381.47 | 0.1513 | 1503.22 | 0.00 | 0.00 | 1503.22 | 3.29 | 10 | 117 | 437.57 | 0.1412 | 973.22 | 0.00 | 0.00 | 973.22 | 2.94 | 11 | 161 | 602.13 | 0.1218 | 2509.05 | 0.00 | 0.00 | 2509.05 | 3.33 | Total | 1439 | Total Ballast Weight | 19898.61 | | Total System Weight | 84996.96 | | |
| Array | Number of Panels | Array Area (m^2) | 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 | 131 | 489.93 | 0.1318 | 2443.58 | 0.00 | 0.00 | 2443.58 | 3.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 175 | 654.48 | 0.1176 | 1818.91 | 0.00 | 0.00 | 1818.91 | 3.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 150 | 560.99 | 0.1251 | 2061.21 | 0.00 | 0.00 | 2061.21 | 3.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 167 | 624.57 | 0.1200 | 1590.39 | 0.00 | 0.00 | 1590.39 | 3.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 87 | 325.37 | 0.1614 | 2214.65 | 228.05 | 0.00 | 2214.65 | 3.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 108 | 403.91 | 0.1473 | 1473.43 | 0.00 | 0.00 | 1473.43 | 3.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 125 | 467.49 | 0.1359 | 2379.92 | 0.00 | 0.00 | 2379.92 | 3.52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 116 | 433.83 | 0.1419 | 931.03 | 0.00 | 0.00 | 931.03 | 2.92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 102 | 381.47 | 0.1513 | 1503.22 | 0.00 | 0.00 | 1503.22 | 3.29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 117 | 437.57 | 0.1412 | 973.22 | 0.00 | 0.00 | 973.22 | 2.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 161 | 602.13 | 0.1218 | 2509.05 | 0.00 | 0.00 | 2509.05 | 3.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 1439 | Total Ballast Weight | 19898.61 | | Total System Weight | 84996.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>SITE PLAN-PROJECT SUMMARY</p> <table border="1"> <tr> <td>DRAWING TITLE:</td> <td>PROJECT:</td> <td>CLIENT:</td> </tr> <tr> <td>PROVIDER:</td> <td colspan="2">KB RACKING®</td> </tr> <tr> <td colspan="3"> 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 WWW.KBRACKING.COM </td> </tr> <tr> <td>DRAWN BY:</td> <td>CHECKED BY:</td> <td>VERSION:</td> </tr> <tr> <td>M.N.</td> <td>Z.U.</td> <td>1</td> </tr> <tr> <td colspan="2">PROJECT NO.: -</td> <td>DRAWING NO.</td> </tr> <tr> <td colspan="2">DATE: 2025/12/17</td> <td rowspan="2">M-1.0</td> </tr> <tr> <td colspan="2">SHEET: 2 OF 37</td> </tr> </table> | | | | | | | | | 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@kbracking.com WWW.KBRACKING.COM | | | DRAWN BY: | CHECKED BY: | VERSION: | M.N. | Z.U. | 1 | PROJECT NO.: - | | DRAWING NO. | DATE: 2025/12/17 | | M-1.0 | SHEET: 2 OF 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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@kbracking.com WWW.KBRACKING.COM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY: | CHECKED BY: | VERSION: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M.N. | Z.U. | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROJECT NO.: - | | DRAWING NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: 2025/12/17 | | M-1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET: 2 OF 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 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

DRAWING TITLE:

PROJECT:

CLIENT:

kWh Quebec Inc

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

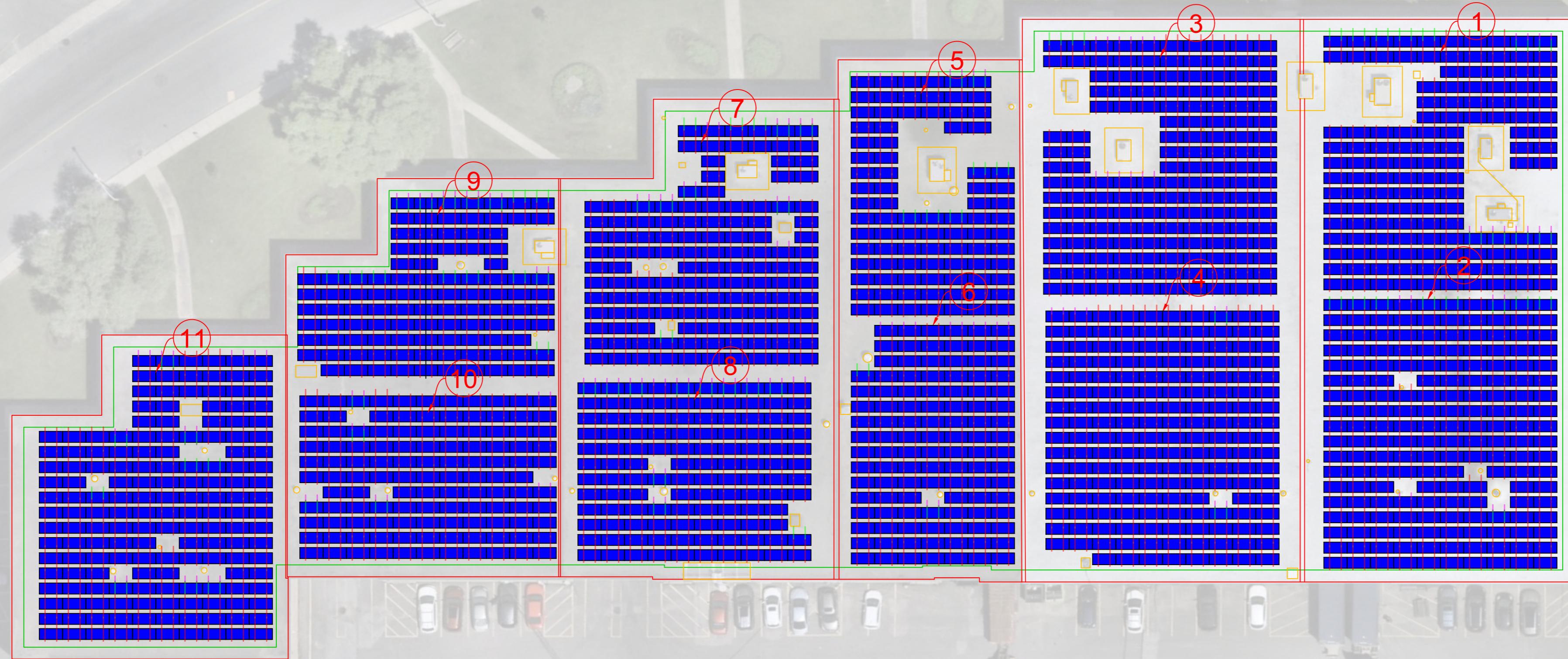
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DATE: -

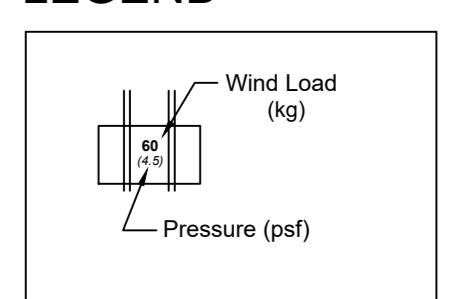
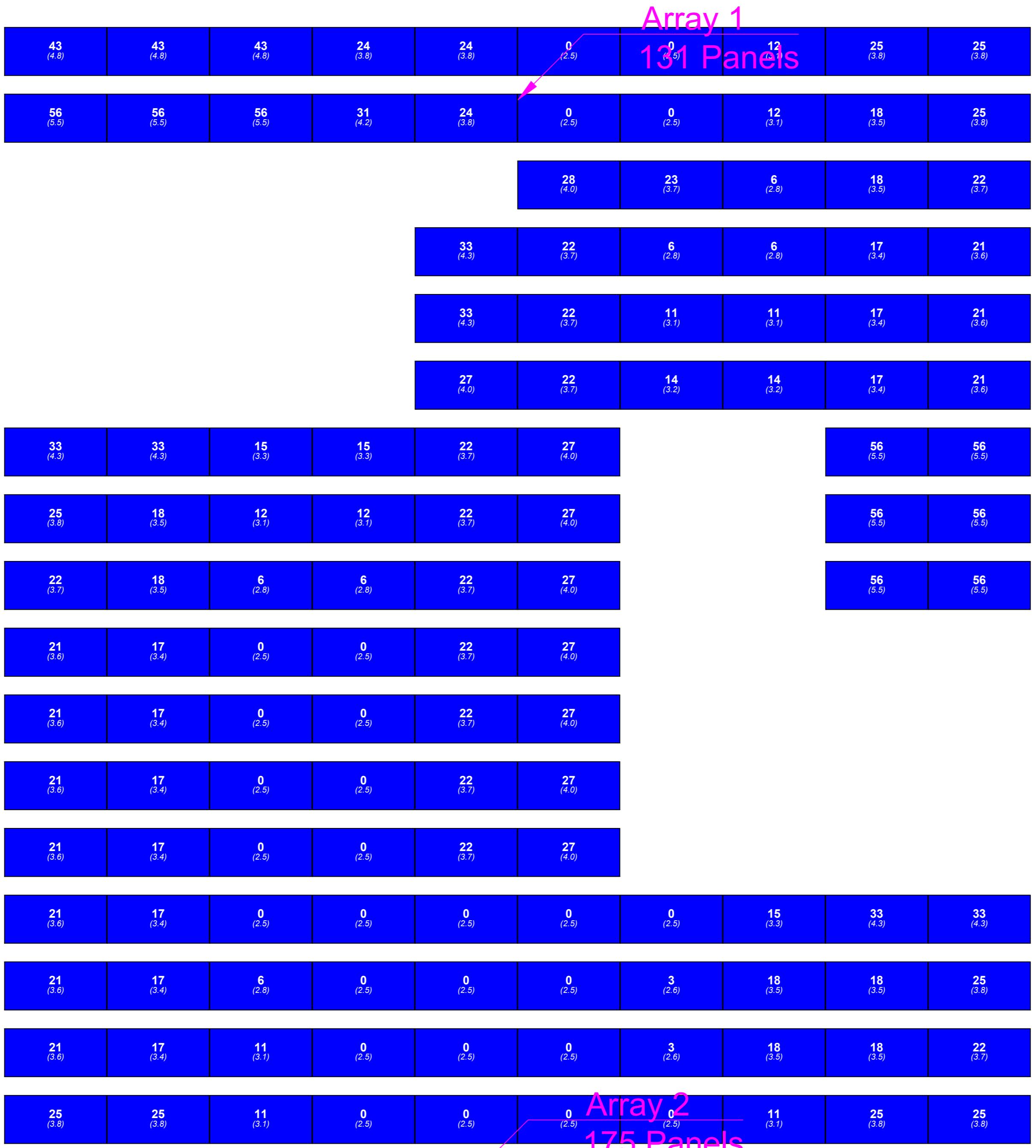
SHEET: 2025/12/17 M-2.0

3 OF 37

ARRAY LAYOUT



NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m



ENGINEER'S SEAL

LOAD ARRAY 1

700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

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.:

-

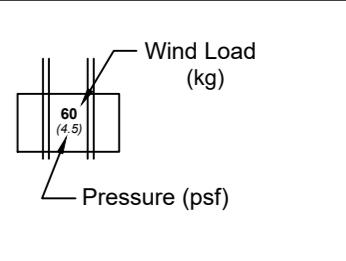
DATE: 2025/12/17

SHEET: 4 OF 37

M-3.1

NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 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 2

700 Rue McCaffrey
 700 Rue McCaffrey
 Saint-Laurent, QC H4T 1N1

kWh Quebec Inc

DRAWING TITLE: PROJECT: PROVIDER:

KB RACKING®

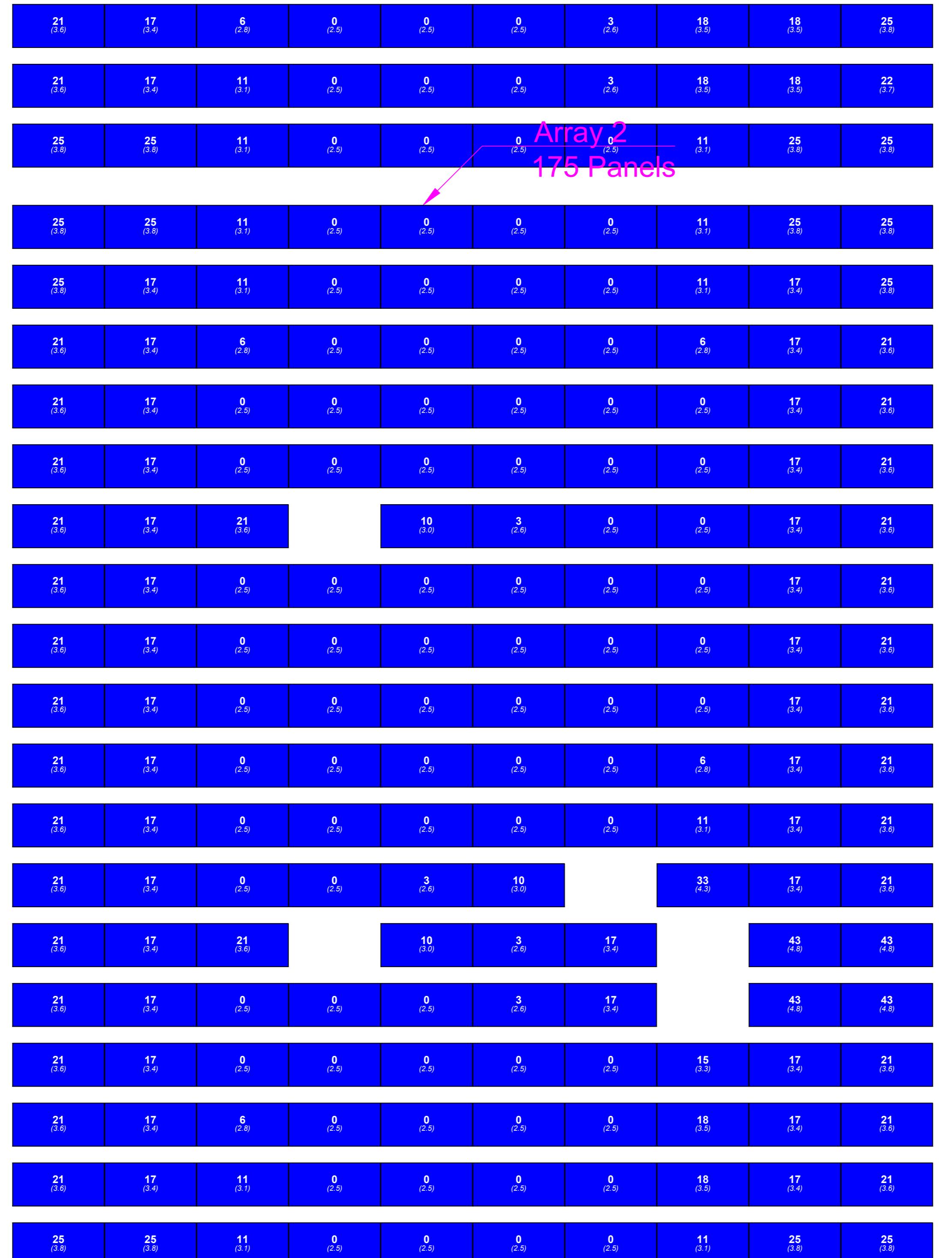
1050 KING ST. W, SUITE 03A104
 TORONTO, ONTARIO M6K 0C7
 CANADA

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: 2025/12/17 | |
| SHEET: 5 OF 37 | M-3.2 |



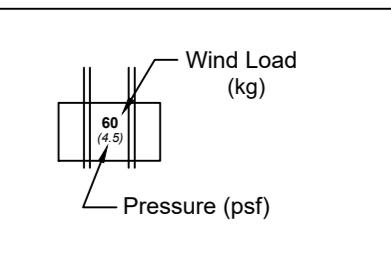
NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m

Array 3 150 Panels

| | | | | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|------------|-------------|-------------|-------------|
| 43 (4.8) | 43 (4.8) | 12 (3.1) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 12 (3.1) | 25 (3.8) | 25 (3.8) |
| 56 (5.5) | 56 (5.5) | 12 (3.1) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 12 (3.1) | 18 (3.5) | 25 (3.8) |

| |
|-------------|
| 43 (4.8) |
| 56 (5.5) |

LEGEND



ENGINEER'S SEAL

LOAD ARRAY 3

700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

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: 2025/12/17 | SHEET: 6 OF 37 |
| M-3.3 | |

Array 4

| | | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-------------|-------------|
| 28 (4.0) | 23 (3.7) | 6 (2.8) | 0 (2.5) | 0 (2.5) | 6 (2.8) | 18 (3.5) | 22 (3.7) |
| 27 (4.0) | 22 (3.7) | 11 (3.1) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 22 (3.7) | 27 (4.0) |

| | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 33 (4.3) | 33 (4.3) | 14 (3.2) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 17 (3.4) | 21 (3.6) |
| 27 (4.0) | 22 (3.7) | 0 (2.5) | 17 (3.4) | 17 (3.4) | 21 (3.6) | | |

| |
|-------------|
| 33 (4.3) |
| 25 (3.8) |

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| 25 (3.8) |
| 22 (3.7) |

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| 22 (3.7) |
| 21 (3.6) |

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| 21 (3.6) |
| 21 (3.6) |

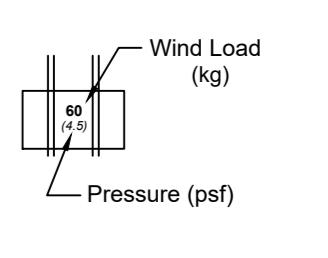
| |
|-------------|
| 21 (3.6) |
| 21 (3.6) |

| |
|-------------|
| 25 (3.8) |
| M-3.3 |

NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m

Array 4
167 Panels

LEGEND



ENGINEER'S SEAL

LOAD ARRAY 4

700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

kWh Quebec Inc

PROJECT:

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

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M.N. Z.U. 1

PROJECT NO.: - DRAWING NO.:

DATE: 2025/12/17 SHEET: 7 OF 37

M-3.4

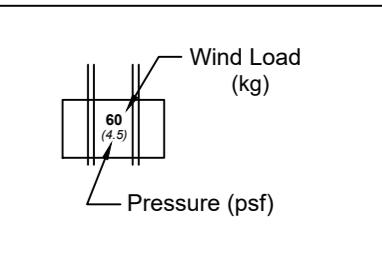


NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m

Array 7 125 Panels



LEGEND



ENGINEER'S SEAL

LOAD ARRAY 7

700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

kWh Quebec Inc

PROJECT: client:

PROVIDER: DRAWING TITLE:

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.:

- M-3.7

DATE: 2025/12/17

SHEET: 10 OF 37

| | | | | | | | | | |
|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| | | | | | | | | | |
| 25 (3.8) | 25 (3.8) | 11 (3.1) | 23 (3.7) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 11 (3.1) | 25 (3.8) | 25 (3.8) |

NOTE:
1439 Modules (Jinko 625W)
DC Output: 899.38 kW (DC)
AeroGrid L: 10 Degree Tilt
Row Spacing: 1.56m
Inter-Row Spacing: 0.44m
Setback from edge: 1.22m

Array 8

116 Panels

| | | | | | | | | | |
|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| 25 (3.8) | 25 (3.8) | 11 (3.1) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 11 (3.1) | 25 (3.8) | 25 (3.8) |
|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|

| | | | | | | | | | |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| 17 (3.4) | 3 (2.6) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 11 (3.1) | 17 (3.4) | 25 (3.8) |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|

| | | | | | | | | | |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 10 (3.0) | 3 (2.6) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 6 (2.8) | 17 (3.4) | 21 (3.6) |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|

| | | | | | | | | | |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 10 (3.0) | 3 (2.6) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 17 (3.4) | 21 (3.6) |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|

| | | | | | | | | | |
|--------------------|-------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 10 (3.0) | 3 (2.6) | 10 (3.0) | 10 (3.0) | 3 (2.6) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 17 (3.4) | 21 (3.6) |
|--------------------|-------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|

| | | | | | | | | | |
|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 10 (3.0) | 3 (2.6) | 0 (2.5) | 29 (4.1) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 17 (3.4) | 21 (3.6) |
|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|

| | | | | | | | | | |
|--------------------|-------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 10 (3.0) | 3 (2.6) | 10 (3.0) | 10 (3.0) | 3 (2.6) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 17 (3.4) | 33 (4.3) |
|--------------------|-------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|

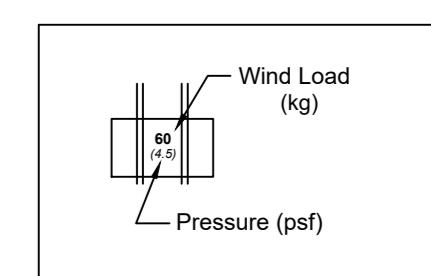
| | | | | | | | | | |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--|
| 10 (3.0) | 3 (2.6) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 22 (3.7) | 27 (4.0) | |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--|

| | | | | | | | | | |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--|
| 10 (3.0) | 3 (2.6) | 0 (2.5) | 3 (2.6) | 0 (2.5) | 0 (2.5) | 6 (2.8) | 22 (3.7) | 27 (4.0) | |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--|

| | | | | | | | | | |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| 10 (3.0) | 3 (2.6) | 0 (2.5) | 3 (2.6) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 11 (3.1) | 17 (3.4) | 56 (5.5) |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|

| | | | | | | | | | |
|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| 17 (3.4) | 17 (3.4) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 0 (2.5) | 11 (3.1) | 25 (3.8) | 43 (4.8) |
|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|

LEGEND



ENGINEER'S SEAL

LOAD ARRAY 8

kWh Quebec Inc
700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

DRAWING TITLE: PROJECT: client:
PROVIDER: DRAWING NO.:
KB RACKING®

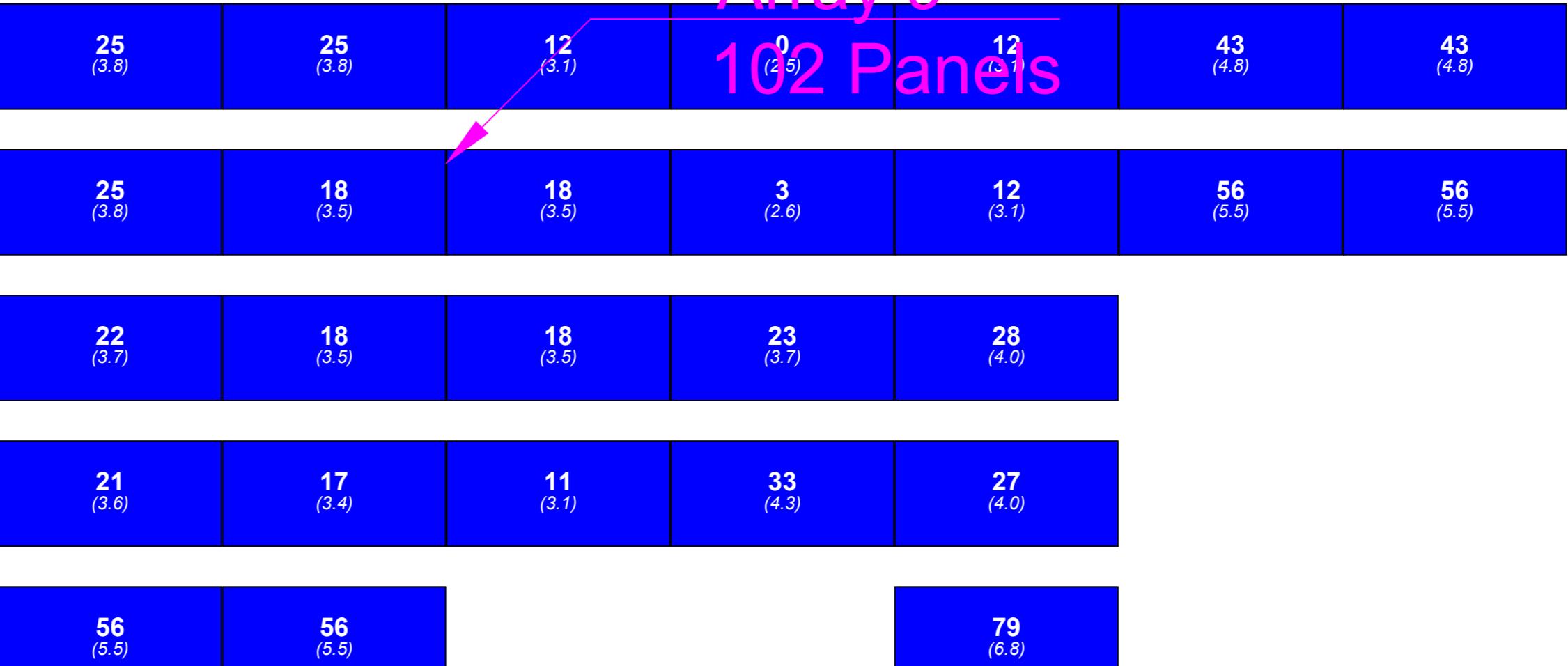
1050 KING ST. W, SUITE 03A104
TORONTO, ONTARIO M6K 0C7
CANADA
TOLL-FREE TEL: 1-888-661-3204
LOCAL TEL: 416 532 2500
EMAIL: info@kracking.com
WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:
M.N. Z.U. 1
PROJECT NO.: - DRAWING NO.:
DATE: 2025/12/17 M-3.8
SHEET: 11 OF 37

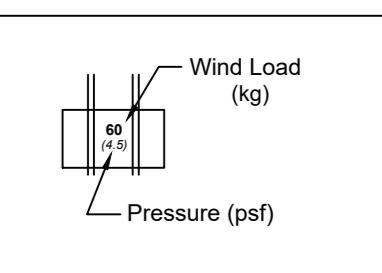
NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m

Array 9

102 Panels



LEGEND



ENGINEER'S SEAL

LOAD ARRAY 9

700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

kWh Quebec Inc

DRAWING TITLE: PROJECT: PROVIDER:
PROJECT: client:

KB RACKING®

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

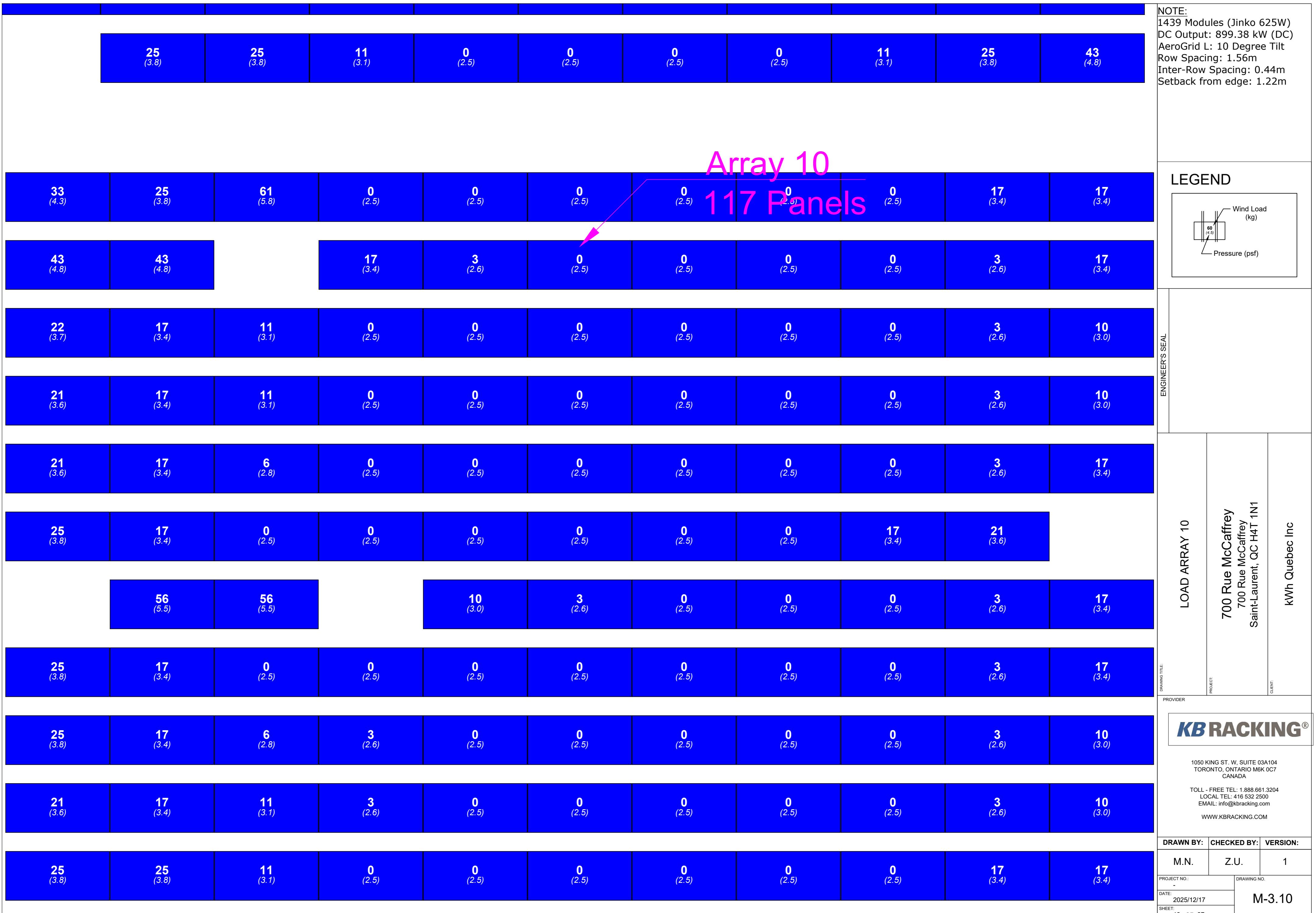
TOLL-FREE TEL: 1-888-661-3204
LOCAL TEL: 416 532 2500
EMAIL: info@kracking.com

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M.N. Z.U. 1

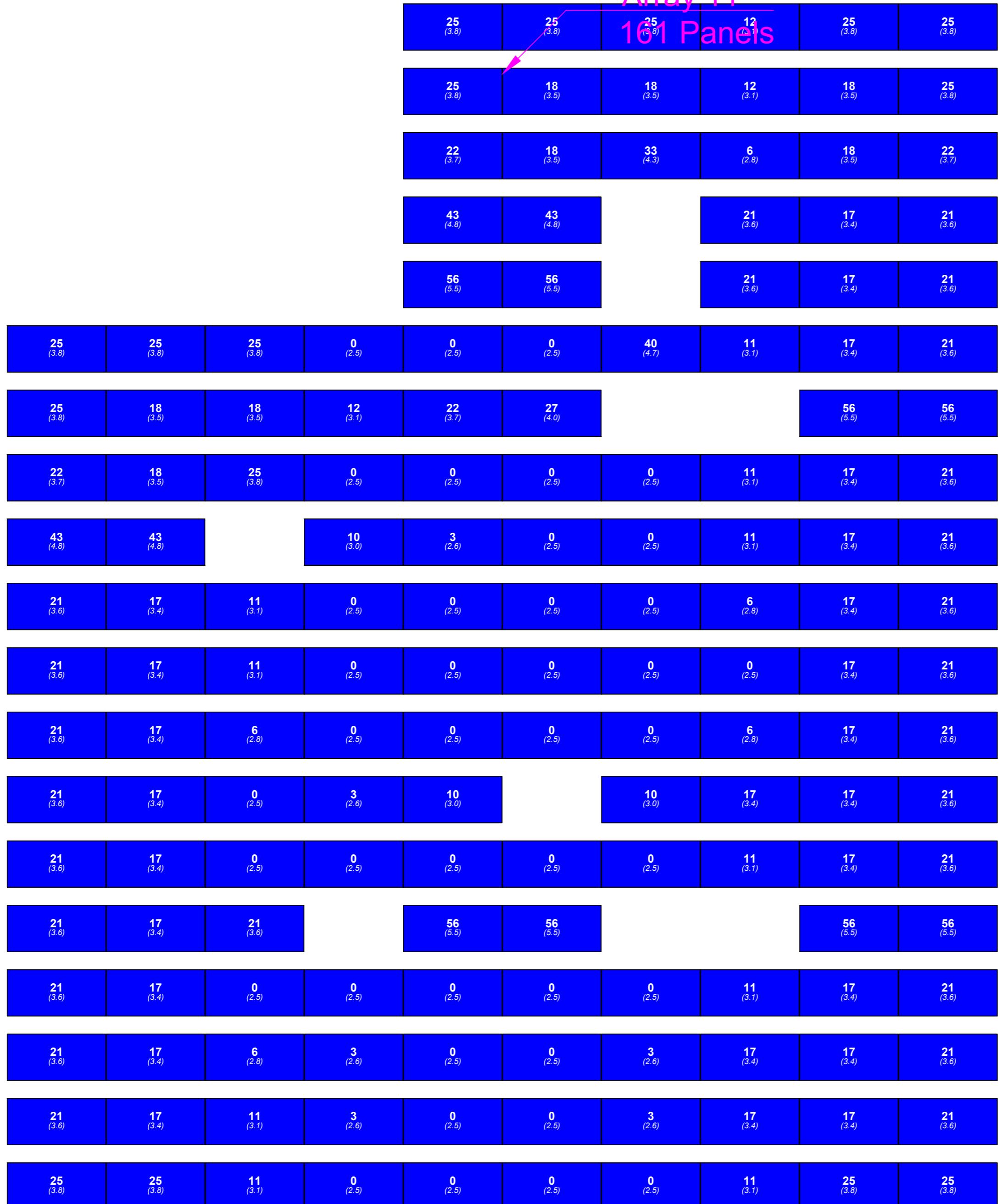
| | |
|---------------------|--------------|
| PROJECT NO.: - | DRAWING NO.: |
| DATE: 2025/12/17 | M-3.9 |
| SHEET: 12 OF 37 | |



NOTE:
1439 Modules (Jinko 625W)
DC Output: 899.38 kW (DC)
AeroGrid L: 10 Degree Tilt
Row Spacing: 1.56m
Inter-Row Spacing: 0.44m
Setback from edge: 1.22m

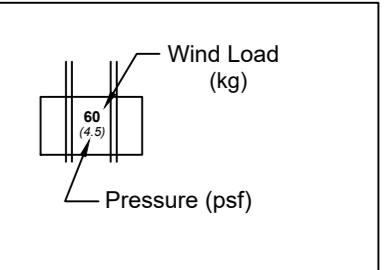
Array 11

161 Panels



| | | |
|-------------|-------------|-------------|
| 21 (3.6) | 17 (3.4) | 0 (2.5) |
| 21 (3.6) | 17 (3.4) | 6 (2.8) |
| 33 (4.3) | 17 (3.4) | 11 (3.1) |
| 25 (3.8) | 25 (3.8) | |
| 33 (4.3) | 25 (3.8) | 61 (5.8) |
| 43 (4.8) | 43 (4.8) | |
| 22 (3.7) | 17 (3.4) | 11 (3.1) |
| 21 (3.6) | 17 (3.4) | 11 (3.1) |
| 21 (3.6) | 17 (3.4) | 6 (2.8) |
| 25 (3.8) | 17 (3.4) | 0 (2.5) |
| 56 (5.5) | 56 (5.5) | |
| 25 (3.8) | 17 (3.4) | 0 (2.5) |
| 25 (3.8) | 17 (3.4) | 6 (2.8) |
| 21 (3.6) | 17 (3.4) | 11 (3.1) |
| 25 (3.8) | 25 (3.8) | 11 (3.1) |

LEGEND



LOAD ARRAY 11

kWh Quebec Inc

KB RACKING®

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

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LOCAL TEL: 416.532.2500
EMAIL: info@kracking.com
WWW.KRACKING.COM

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M.N. Z.U. 1

PROJECT NO.: DRAWING NO.

-

DATE: 2025/12/17

SHEET: 14 OF 37

M-3.11

NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m

700 Rue McCaffrey - 899.4 kW (dc)

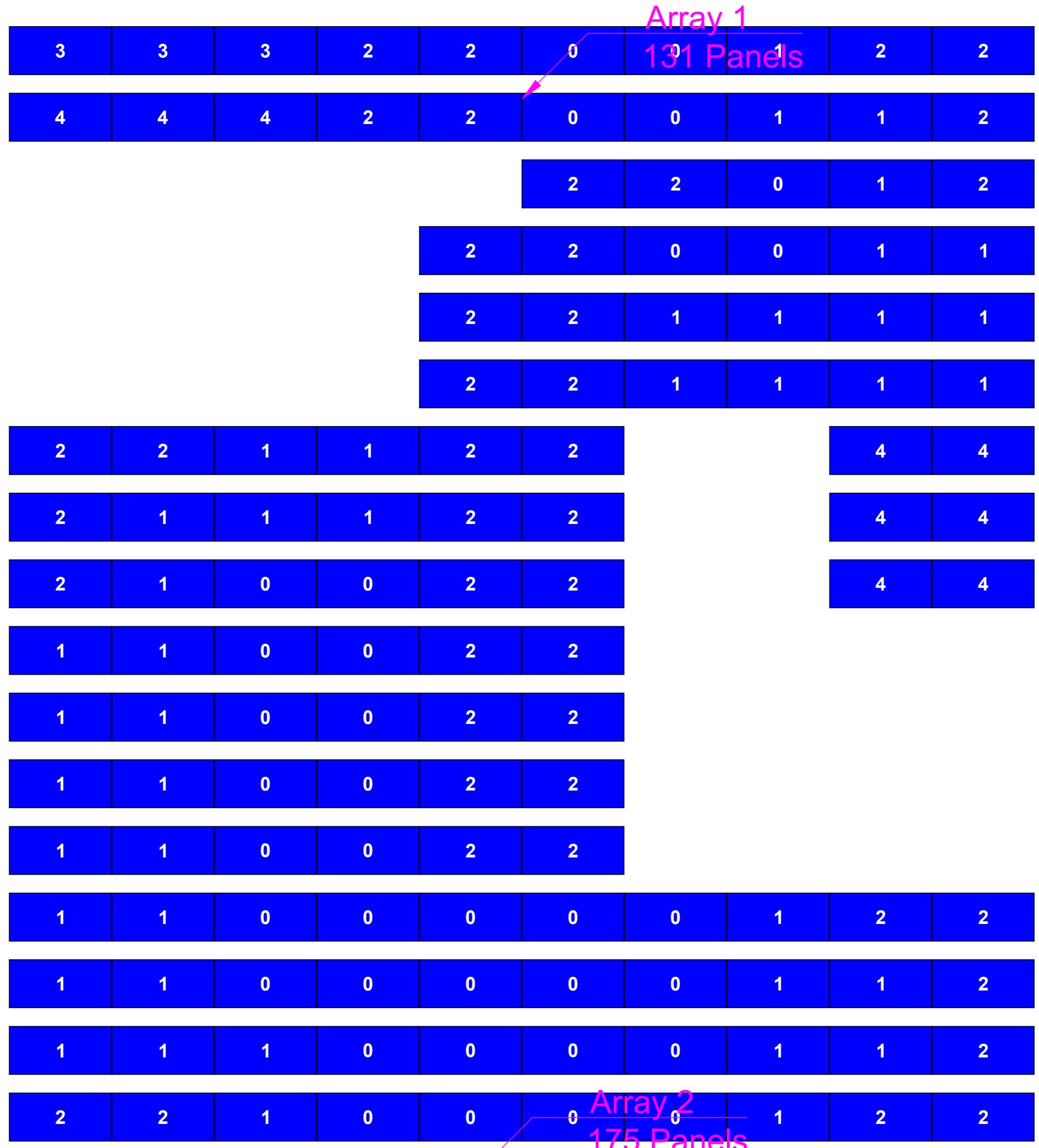
700 Rue McCaffrey, Saint-Laurent, QC H4T 1N1

| Total Ballast (kg) | Stone Quantities | | Accessory Brackets | High Uplift Supports |
|----------------------------------|------------------|---------------|--------------------|----------------------|
| | 15.5x7.5x3.5in | Ballast Trays | | |
| | Large (14.5 kg) | | | |
| Array 01 | 2479.50 | 171 | 0 | 0 |
| Array 02 | 1827.00 | 126 | 0 | 0 |
| Array 03 | 2073.50 | 143 | 0 | 0 |
| Array 04 | 1595.00 | 110 | 0 | 0 |
| Array 05 | 2233.00 | 154 | 0 | 0 |
| Array 06 | 1479.00 | 102 | 0 | 0 |
| Array 07 | 2392.50 | 165 | 0 | 0 |
| Array 08 | 942.50 | 65 | 0 | 0 |
| Array 09 | 1508.00 | 104 | 0 | 0 |
| Array 10 | 986.00 | 68 | 0 | 0 |
| Array 11 | 2523.00 | 174 | 0 | 0 |
| <i>Totals</i> | 20039.00 | 1382 | 0 | 0 |
| <i>Recommended Ballast</i> | 19898.60 | | | |
| <i>Additional Ballast Weight</i> | 140.40 | | | |

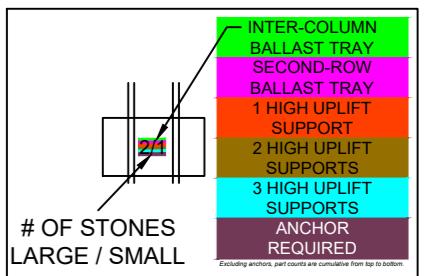
| | | |
|--|--------------|----------|
| DRAWING TITLE: | PROJECT: | |
| PROVIDER: | CLIENT: | |
| KB RACKING® | | |
| 1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA | | |
| TOLL-FREE TEL: 1.888.661.3204 LOCAL TEL: 416.532.2500 EMAIL: info@kracking.com | | |
| WWW.KBRACKING.COM | | |
| DRAWN BY: | CHECKED BY: | VERSION: |
| M.N. | Z.U. | 1 |
| PROJECT NO.: | DRAWING NO.: | |
| - | | |
| DATE: | M-4.0 | |
| 2025/12/17 | | |
| SHEET: | | |
| 15 OF 37 | | |

kWh Quebec Inc

NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 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

700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

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
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M.N. Z.U. 1

PROJECT NO.: DRAWING NO.:

-

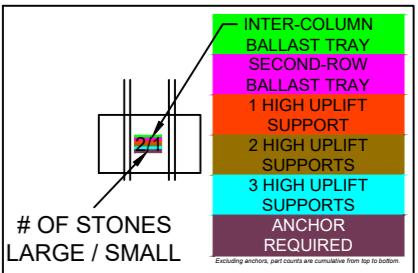
DATE: 2025/12/17

SHEET: 16 OF 37

M-4.1

NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 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 2

700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

kWh Quebec Inc

DRAWING TITLE: PROJECT: CLIENT:
 PROVIDER:

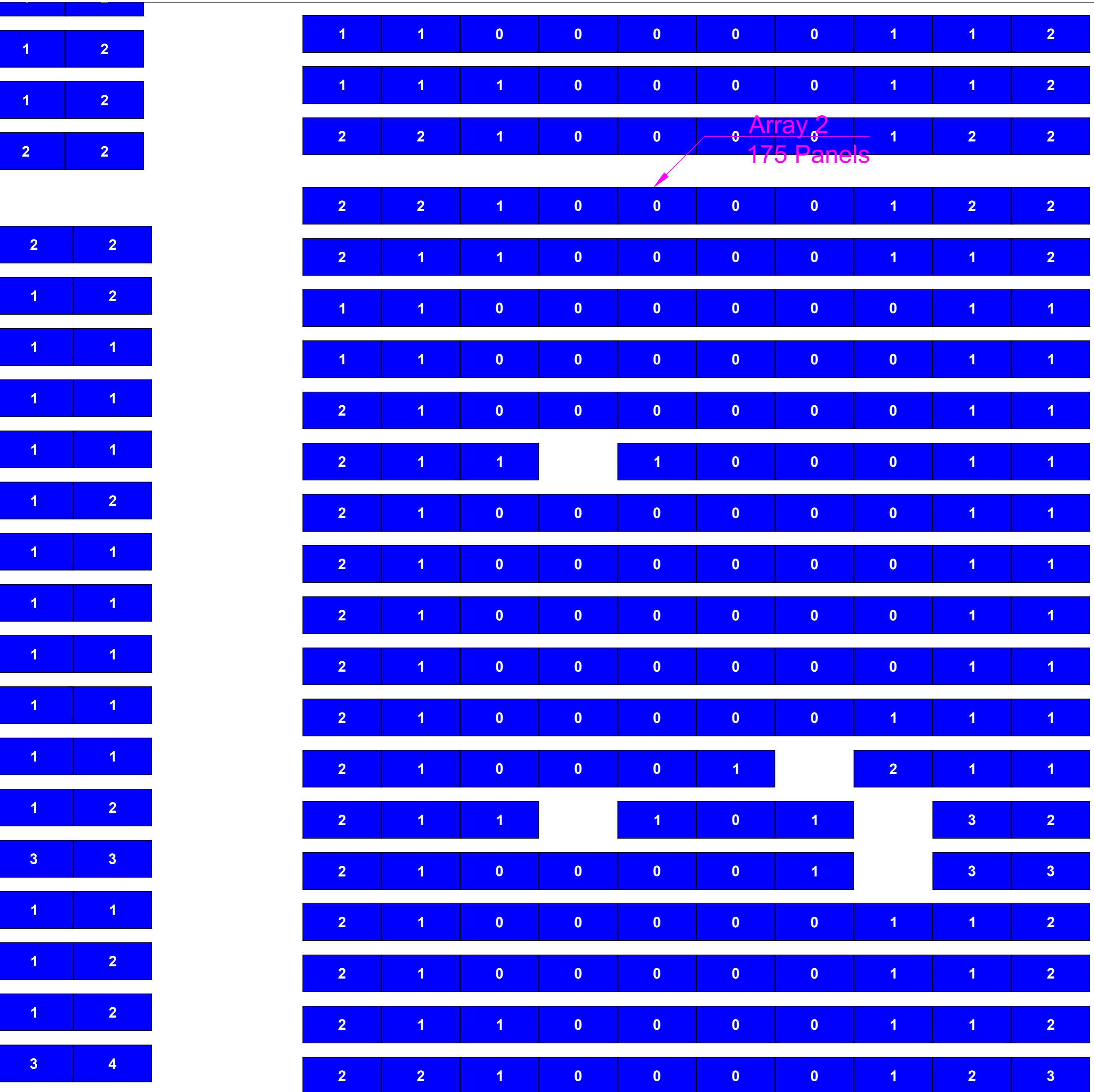
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TORONTO, ONTARIO M6K 0C7
CANADA

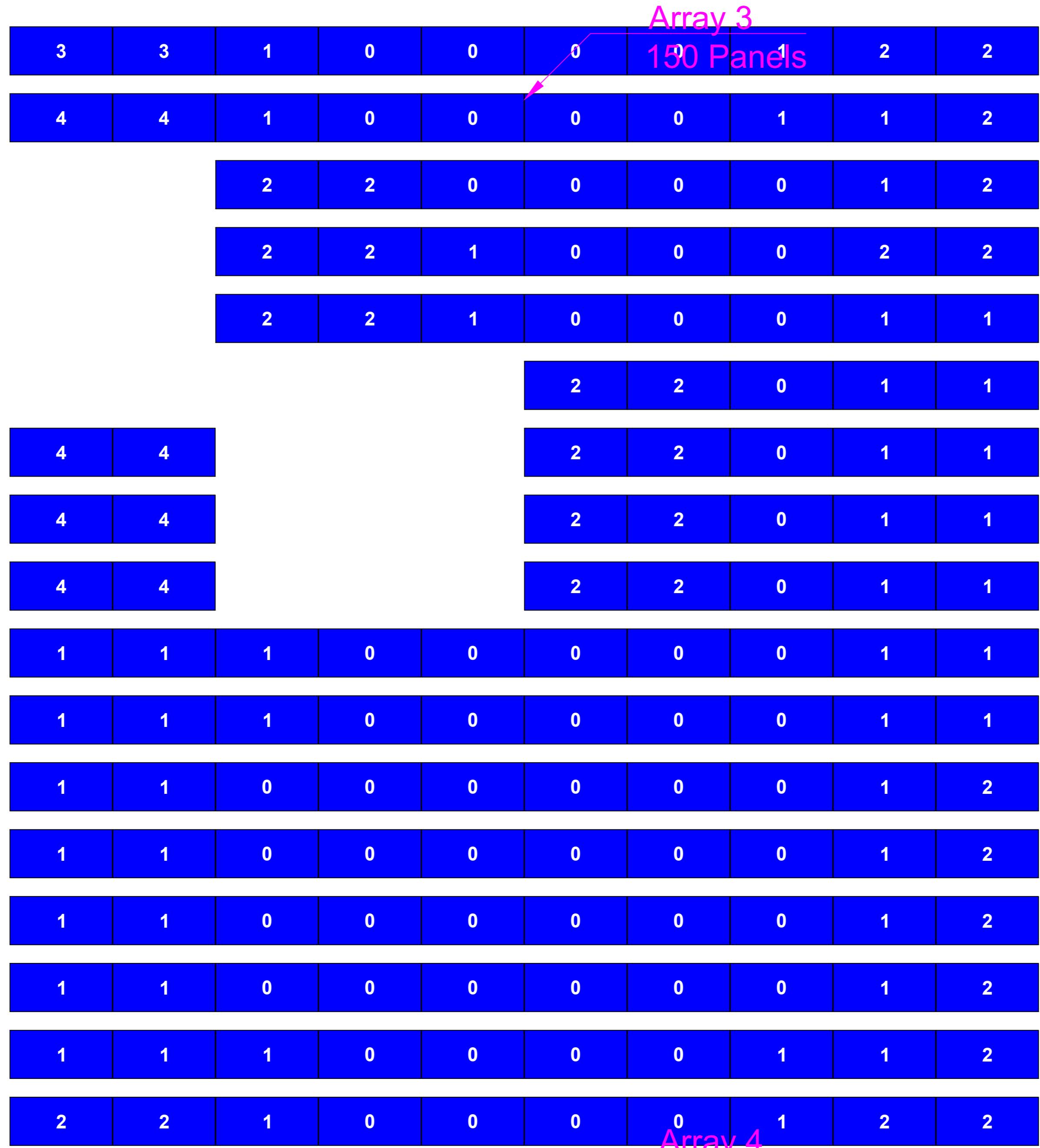
TOLL-FREE TEL: 1.888.661.3204
LOCAL TEL: 416.532.2500
EMAIL: info@kracking.com
WWW.KRACKING.COM

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 M.N. Z.U. 1

| | |
|---------------------|--------------|
| PROJECT NO.: - | DRAWING NO.: |
| DATE: 2025/12/17 | M-4.2 |
| SHEET: 17 OF 37 | |

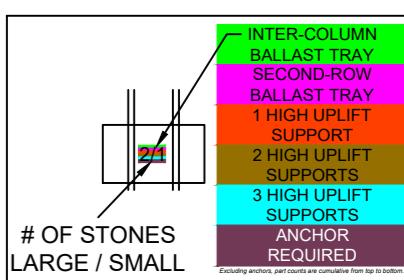


NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m



3
4

LEGEND



ENGINEER'S SEAL

PAVER ARRAY 3

700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

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: 2025/12/17

SHEET: 18 OF 37

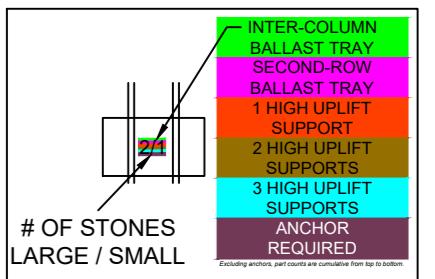
M-4.3

| | | | | | | | | | | | | |
|-----------|---|--|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | |
| 1 | 1 | | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 1 | 1 | | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 2 |
| 1 | 1 | | | | | | | | | | | |
| array 6 | 2 | | | | | | | | | | | |
| 08 Panels | | | | | | | | | | | | |
| 2 | 2 | | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 2 |
| 1 | 2 | | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 2 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 1 | 2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 1 | 2 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 1 | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 1 | 1 | | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 3 | 3 | | | | | | | | | 3 | 3 | 4 |

Array 4
167 Panels

NOTE:
1439 Modules (Jinko 625W)
DC Output: 899.38 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 4

700 Rue McCaffrey
700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

kWh Quebec Inc

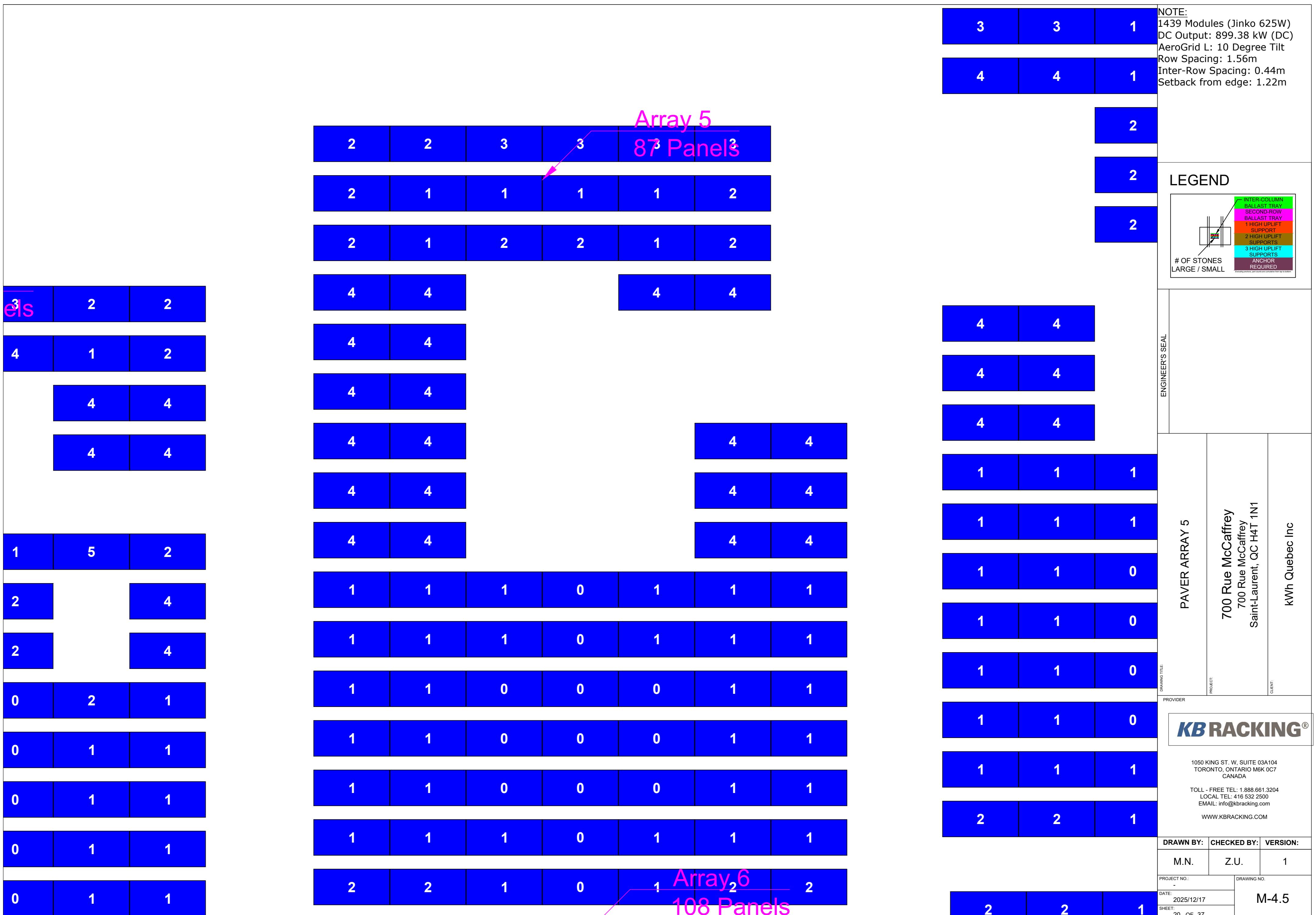
PROVIDER
KB RACKING®

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

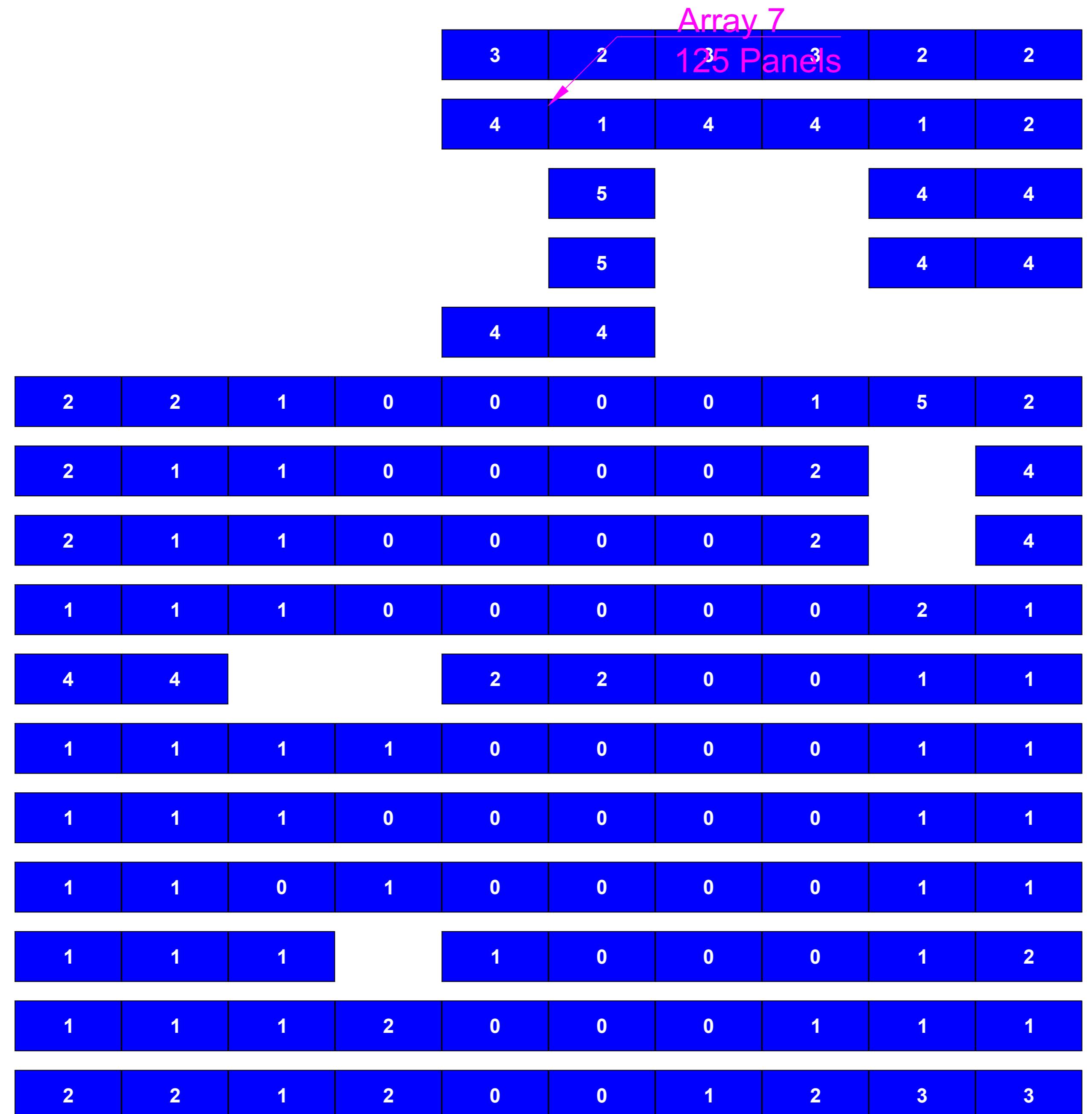
PROJECT NO.: - DRAWING NO.
DATE: 2025/12/17 SHEET: 19 OF 37
M-4.4



| | | | | | | | |
|-------------------|---|---|--|--|--|--|--|
| | | | | | | | |
| 0 | 1 | 1 | | | | | |
| 0 | 1 | 1 | | | | | |
| 0 | 1 | 1 | | | | | |
| 0 | 1 | 2 | | | | | |
| 1 | 1 | 1 | | | | | |
| 2 | 3 | 3 | | | | | |
| 108 Panels | | | | | | | |
| 1 | 2 | 1 | | | | | |
| 1 | 1 | 1 | | | | | |
| 0 | 1 | 1 | | | | | |
| 0 | 1 | 1 | | | | | |
| 0 | 1 | 1 | | | | | |
| 0 | 1 | 1 | | | | | |
| 0 | 1 | 1 | | | | | |
| 0 | 1 | 1 | | | | | |
| 0 | 1 | 2 | | | | | |
| 0 | 1 | 3 | | | | | |
| 2 | 2 | | | | | | |
| 2 | 2 | | | | | | |
| 1 | 1 | 4 | | | | | |
| 1 | 2 | 3 | | | | | |

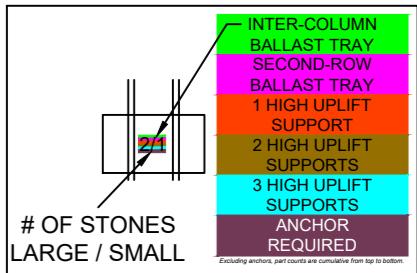
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|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| 2 | 2 | 1 | 0 | 1 | 2 | 2 |
| 2 | 2 | 1 | 1 | 1 | 1 | 2 |
| 2 | 2 | 0 | 0 | 1 | 1 | 1 |
| 2 | 1 | 0 | 0 | 0 | 1 | 1 |
| 2 | 1 | 0 | 0 | 0 | 1 | 1 |
| 2 | 1 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 1 | 1 | 0 | 0 | 0 | 1 | 2 |
| 3 | 3 | 2 | 1 | 2 | 3 | 3 |

| | | | |
|--|---|---|---|
| 1 | 1 | 1 | NOTE: 1439 Modules (Jinko 625W) DC Output: 899.38 kW (DC) AeroGrid L: 10 Degree Tilt Row Spacing: 1.56m Inter-Row Spacing: 0.44m Setback from edge: 1.22m |
| 2 | 2 | 1 | |
| 2 | 2 | 1 | |
| 2 | 1 | 1 | |
| 1 | 1 | 0 | |
| 1 | 1 | 0 | |
| 1 | 1 | 0 | |
| 1 | 1 | 0 | |
| 1 | 1 | 0 | |
| 1 | 1 | 0 | |
| 1 | 1 | 0 | |
| 1 | 1 | 0 | |
| 1 | 1 | 0 | |
| 1 | 1 | 0 | |
| 2 | 2 | 1 | |
| 3 | | | |
| PAVER ARRAY 6 | | | |
| 700 Rue McCaffrey 700 Rue McCaffrey Saint-Laurent, QC H4T 1N1 | | | |
| kWh Quebec Inc | | | |
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| DATE: 2025/12/17 SHEET: 21 OF 37 | | | DATE: 2025/12/17 SHEET: 21 OF 37 |
| M-4.6 | | | M-4.6 |



NOTE:
1439 Modules (Jinko 625W)
DC Output: 899.38 kW (DC)
AeroGrid L: 10 Degree Tilt
Row Spacing: 1.56m
Inter-Row Spacing: 0.44m
Setback from edge: 1.22m

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700 Rue McCaffrey
Saint-Laurent, QC H4T 1N1

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| PROVIDER | | |

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For more information about the study, please contact Dr. John P. Morrissey at (212) 305-2500 or via email at john.morrissey@nyu.edu.

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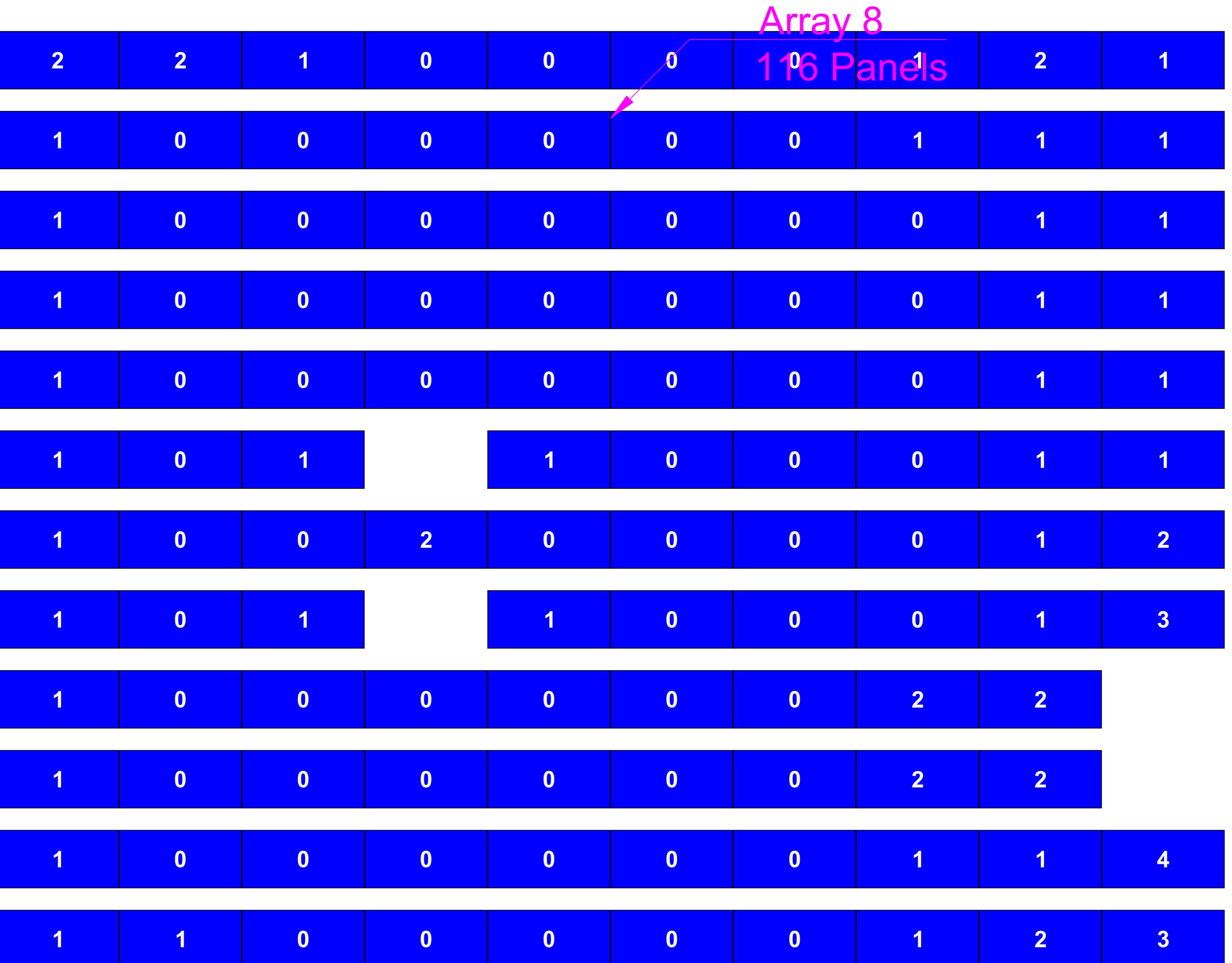
DATE:
2025/12/17

SHEET:

22 OF 37

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

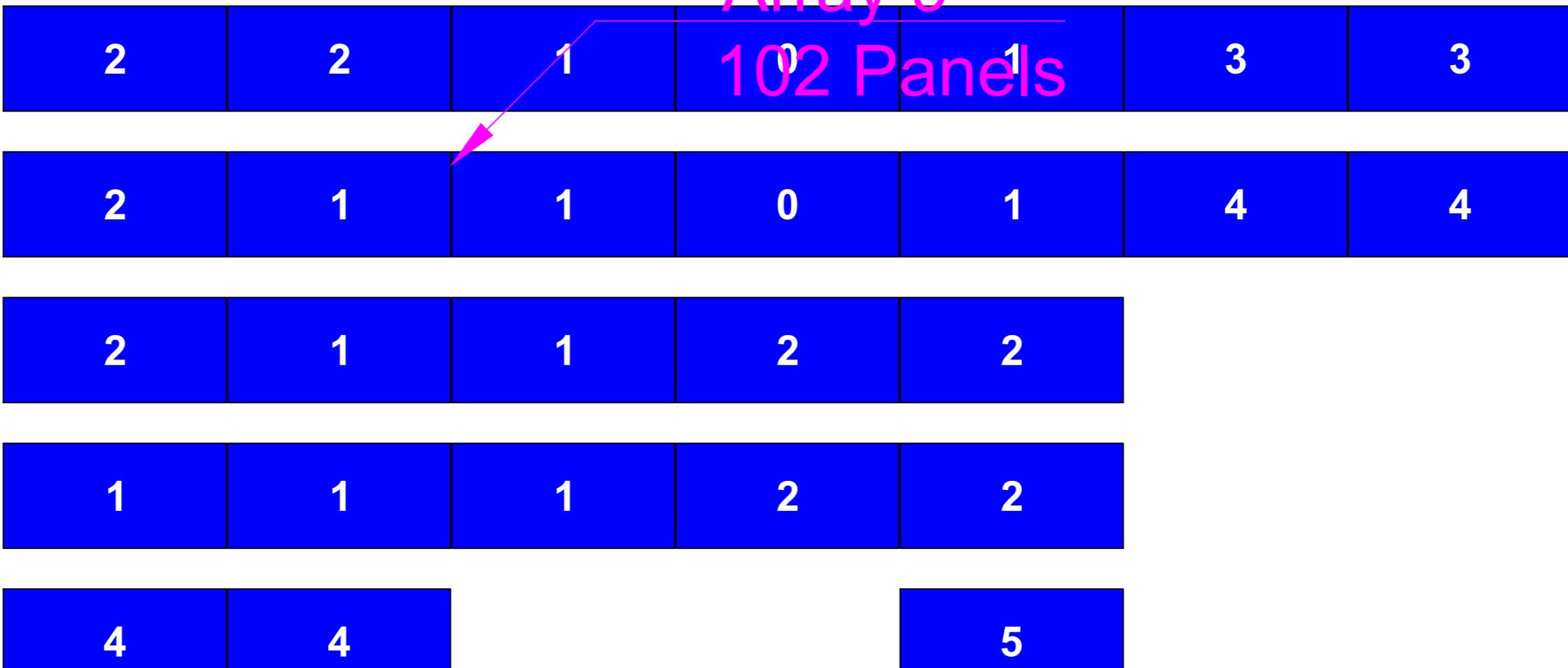
NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m



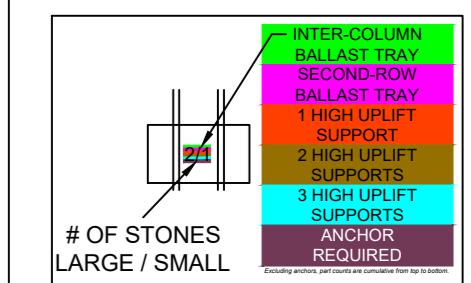
NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m

Array 9

102 Panels



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ENGINEER'S SEAL

PAVER ARRAY 9

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SHEET: 24 OF 37

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 3 |
|---|---|---|---|---|---|---|---|---|---|

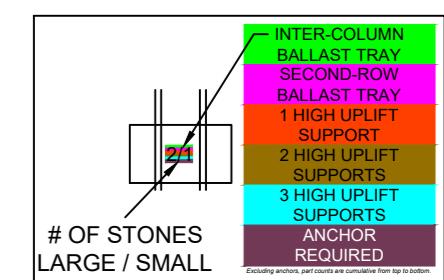
NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m

Array 10

117 Panels

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

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ENGINEER'S SEAL

PAVER ARRAY 10

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Saint-Laurent, QC H4T 1N1

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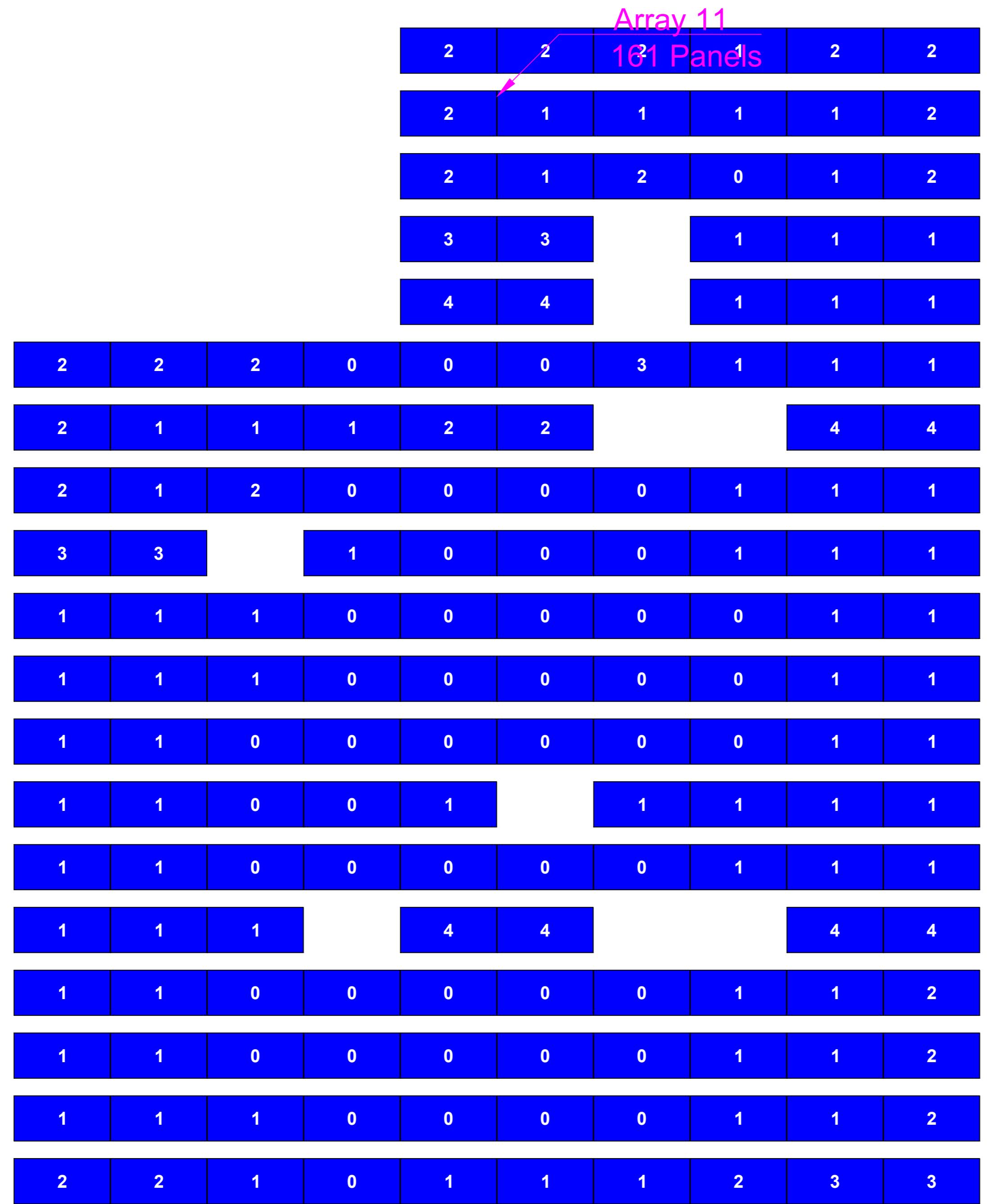
PROJECT NO.: DRAWING NO.

DATE: 2025/12/17

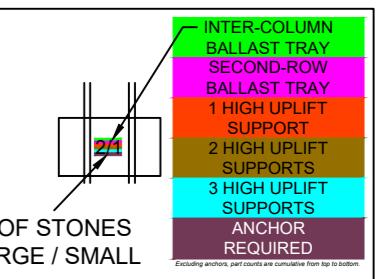
SHEET: 25 OF 37

M-4.10

NOTE:
 1439 Modules (Jinko 625W)
 DC Output: 899.38 kW (DC)
 AeroGrid L: 10 Degree Tilt
 Row Spacing: 1.56m
 Inter-Row Spacing: 0.44m
 Setback from edge: 1.22m



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ENGINEER'S SEAL

PAVER ARRAY 11

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kWh Quebec Inc

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