

Nucor LS-36 Wall Panels, 2026 FBC Compliance, FL46683 - ENG-2607-334  
October 19, 2026

Mr. Mark J Klos  
Metl-Span, a Nucor Company  
700 State Highway 121 Bypass  
Suite 200  
Lewisville, TX 75057

Re: LS-36 Wall Panels, 2026 Florida Building Code Compliance for Standard (Non-HVHZ) Applications<sup>1,2,3,4</sup>

Dear Mr. Klos:

DrJ Engineering, LLC (DrJ) has been asked to provide a Florida professional engineering accepted engineering practice review with respect to the LS-36 Wall Panels. This work has been performed pursuant to our areas of expertise. The purpose of the DrJ review is to provide an engineering assessment of the conformance of the LS-36 Wall Panel with the 2026 Florida Building Code (FBC).

### Standard (Non-HVHZ) Applications

For standard (non-HVHZ) applications, the LS-36 Wall Panels conform to Section 1403, Section 1404, Section 1405, Section 1412 and Section 2603 of the 2026 FBC. LS-36 panels have a polyisocyanurate (polyiso) plastic core with a minimum density of 2.0 pcf and two steel facers. These facers are made from galvanized coated steel or Galvalume® AZ50 coated steel (minimum 33 ksi) and have a thickness of 22 ga, 24 ga or 26 ga. These facers meet the weather protection requirements in Section 1405.2 and Section 1406.2.1.1 of the FBC. The available thicknesses of the LS-36 panels are 1.5", 2", 2.5", 3", 4", 5" and 6". The panels have a coverage width of 36".

Section 1412 is new in the Ninth Edition and governs insulated metal panels (IMP) used as exterior walls and exterior wall coverings. LS-36 Wall Panels are IMPs with a foam plastic core, so the provisions of Section 1412.7 apply. The insulation core complies with Section 2603.3, as directed by Section 1412.7.1.1. Use of the panels with the thermal barrier prescribed in Section 1412.7.2 is in accordance with Section 2603.4, unless special approval is obtained on the basis of Section 2603.9, as directed by Section 1412.7.2.1. Where the panels are used as exterior walls or as exterior wall coverings on buildings of Type I, II, III or IV construction, Section 1412.7.3 item 1 directs compliance to Section 2603.5. Sections 1412.7.3.1 through 1412.7.3.4, including the NFPA 285 provision in Section 1412.7.3.3, are specific to combustible cores other than foam plastic and therefore do not apply to these panels. Structural design is in accordance with Section 1412.2 and Chapter 16, and weather resistance in accordance with Section 1412.3 and Section 1403.

Evidence of the fire-resistance rating required by Section 1412.5 is a project-specific submittal to the building official and is outside the scope of this evaluation. Section 1412.9 requires the edge or face of each panel or package to bear the label of an approved agency, and Section 1412.9.1 directs panels having a foam plastic core to Section 2603.2 and Section 2603.5.6 for labeling.

Panels must be attached to supports that are a minimum of 16 ga steel (minimum  $F_y = 50$  ksi). Panels shall be fastened through the supports to the framing members using 1/4"-14 Type 3 hex head self-drilling screws and 5/8" diameter neoprene bonded washers spaced 12" o.c. throughout the panel. Fasteners must be long enough to penetrate through the support



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at least 3 threads. For 12 ga or thicker supports a ¼"-20 or ¼"-28 Type 5 self-drilling screws may be used instead. Self-tapping screws may be used as well. All fasteners must be corrosion resistant. When installed within 3000 ft of a saltwater coastline all fasteners and connectors used during installation shall meet the requirements of FBC Section 1711 for corrosion resistance based on the specific location of the project. Fasteners must be placed in a standard schedule of three fasteners per support or with the optional six fasteners per support option (See Figure 1). Side lap attachment shall be made using ¼"-14 x 7/8" long Type 1 hex washer head self-drilling screws at a maximum of 20" o.c.

LS-36 panels shall not be considered viable for shear transfer or diaphragm action to add stability to the primary building frame. The maximum allowable inward and outward transverse loads for the LS-36 Wall Panels, across the full range of panel thicknesses, span conditions, and support gauges, are established by DrJ structural analysis using Metl-Span panel section properties and can be found in Table 1 through Table 16. These tables conform to the requirements of the FBC.

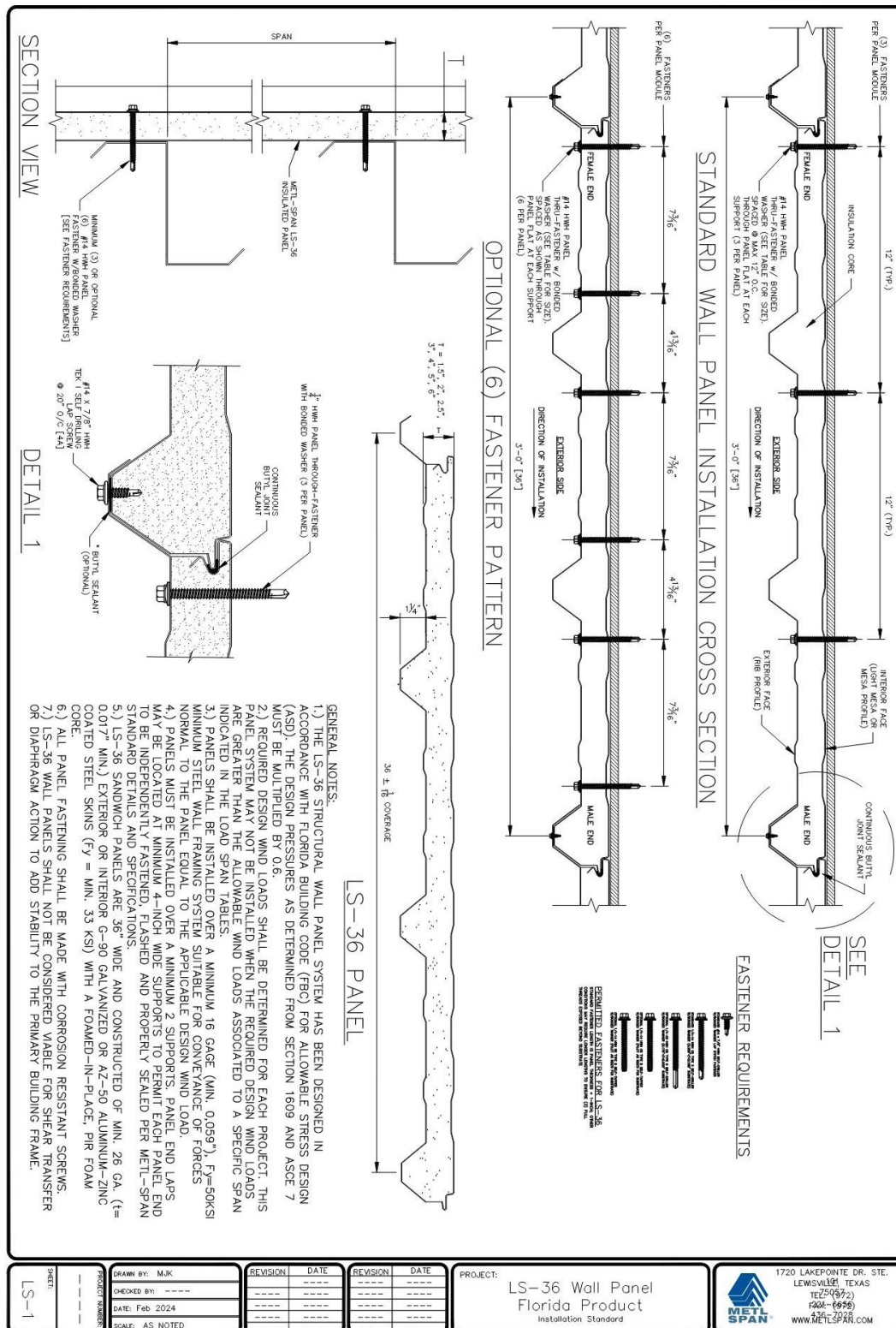


**Figure 1. LS-36 Wall Panel Florida Installation**

**Table 1.** Allowable Inward Loads for 26Ga/26Ga Faced LS-36 Wall Panel with L/120 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                | # of Spans | Support Spacing (ft) |     |     |     |     |    |    |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------|-----|-----|-----|-----|----|----|----|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            | 3                    | 4   | 5   | 6   | 8   | 10 | 12 | 14 |
| 1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1          | 135                  | 85  | 61  | 48  | 34  | 26 | 20 | 13 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2          | 61                   | 46  | 36  | 30  | 23  | 18 | 15 | 13 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3+         | 62                   | 46  | 37  | 31  | 23  | 18 | 15 | 13 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1          | 167                  | 107 | 78  | 61  | 43  | 33 | 27 | 20 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2          | 81                   | 60  | 48  | 40  | 30  | 24 | 20 | 17 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3+         | 81                   | 61  | 48  | 40  | 30  | 24 | 20 | 17 |
| 2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1          | 199                  | 128 | 95  | 75  | 53  | 41 | 33 | 26 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2          | 100                  | 75  | 60  | 50  | 37  | 29 | 24 | 21 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3+         | 100                  | 75  | 60  | 50  | 37  | 30 | 25 | 21 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1          | 238                  | 155 | 114 | 91  | 64  | 50 | 40 | 30 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2          | 124                  | 93  | 74  | 61  | 46  | 36 | 30 | 25 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3+         | 123                  | 92  | 73  | 61  | 46  | 36 | 30 | 26 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1          | 284                  | 189 | 141 | 113 | 81  | 63 | 51 | 38 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2          | 161                  | 122 | 97  | 80  | 59  | 47 | 39 | 33 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3+         | 159                  | 119 | 94  | 79  | 59  | 47 | 39 | 34 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1          | 340                  | 226 | 169 | 135 | 96  | 75 | 61 | 49 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2          | 194                  | 147 | 118 | 98  | 72  | 57 | 47 | 40 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3+         | 192                  | 143 | 113 | 94  | 70  | 56 | 47 | 40 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1          | 365                  | 249 | 189 | 153 | 110 | 86 | 71 | 57 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2          | 231                  | 174 | 139 | 115 | 85  | 67 | 55 | 47 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3+         | 225                  | 167 | 133 | 110 | 83  | 66 | 55 | 47 |
| <ol style="list-style-type: none"> <li>Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.</li> <li>Allowable inward loads shown in this table are based on the lowest value of panel wrinkling, shear and deflection ratio limits</li> <li>Structural capacity of the panel supports is not considered in this table</li> <li>Please contact Metl-Span Engineering for additional information and assistance</li> </ol> |            |                      |     |     |     |     |    |    |    |

**Table 2.** Allowable Inward Loads for 26Ga/26Ga Faced LS-36 Wall Panel with L/180 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |     |     |    |    |    |
|-----------|------------|----------------------|-----|-----|-----|-----|----|----|----|
|           |            | 3                    | 4   | 5   | 6   | 8   | 10 | 12 | 14 |
| 1.5       | 1          | 135                  | 85  | 61  | 48  | 34  | 21 | 13 | 9  |
|           | 2          | 61                   | 46  | 36  | 30  | 23  | 18 | 15 | 13 |
|           | 3+         | 62                   | 46  | 37  | 31  | 23  | 18 | 15 | 13 |
| 2         | 1          | 167                  | 107 | 78  | 61  | 43  | 31 | 20 | 13 |
|           | 2          | 81                   | 60  | 48  | 40  | 30  | 24 | 20 | 17 |
|           | 3+         | 81                   | 61  | 48  | 40  | 30  | 24 | 20 | 17 |
| 2.5       | 1          | 199                  | 128 | 95  | 75  | 53  | 41 | 27 | 19 |
|           | 2          | 100                  | 75  | 60  | 50  | 37  | 29 | 24 | 21 |
|           | 3+         | 100                  | 75  | 60  | 50  | 37  | 30 | 25 | 21 |
| 3         | 1          | 238                  | 155 | 114 | 91  | 64  | 50 | 35 | 24 |
|           | 2          | 124                  | 93  | 74  | 61  | 46  | 36 | 30 | 25 |
|           | 3+         | 123                  | 92  | 73  | 61  | 46  | 36 | 30 | 26 |
| 4         | 1          | 284                  | 189 | 141 | 113 | 81  | 63 | 51 | 38 |
|           | 2          | 161                  | 122 | 97  | 80  | 59  | 47 | 39 | 33 |
|           | 3+         | 159                  | 119 | 94  | 79  | 59  | 47 | 39 | 34 |
| 5         | 1          | 340                  | 226 | 169 | 135 | 96  | 75 | 61 | 49 |
|           | 2          | 194                  | 147 | 118 | 98  | 72  | 57 | 47 | 40 |
|           | 3+         | 192                  | 143 | 113 | 94  | 70  | 56 | 47 | 40 |
| 6         | 1          | 365                  | 249 | 189 | 153 | 110 | 86 | 71 | 57 |
|           | 2          | 231                  | 174 | 139 | 115 | 85  | 67 | 55 | 47 |
|           | 3+         | 225                  | 167 | 133 | 110 | 83  | 66 | 55 | 47 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable inward loads shown in this table are based on the lowest value of panel wrinkling, shear and deflection ratio limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance

**Table 3.** Allowable Inward Loads for 24Ga/26Ga Faced LS-36 Wall Panel with L/120 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |     |     |    |    |    |
|-----------|------------|----------------------|-----|-----|-----|-----|----|----|----|
|           |            | 3                    | 4   | 5   | 6   | 8   | 10 | 12 | 14 |
| 1.5       | 1          | 152                  | 93  | 66  | 51  | 35  | 27 | 22 | 15 |
|           | 2          | 62                   | 46  | 37  | 31  | 23  | 18 | 15 | 13 |
|           | 3+         | 63                   | 47  | 38  | 31  | 23  | 19 | 16 | 13 |
| 2         | 1          | 186                  | 115 | 83  | 65  | 45  | 34 | 28 | 23 |
|           | 2          | 81                   | 61  | 48  | 40  | 30  | 24 | 20 | 17 |
|           | 3+         | 82                   | 61  | 49  | 41  | 30  | 24 | 20 | 17 |
| 2.5       | 1          | 220                  | 138 | 100 | 78  | 54  | 42 | 34 | 29 |
|           | 2          | 100                  | 75  | 60  | 50  | 37  | 29 | 24 | 21 |
|           | 3+         | 101                  | 75  | 60  | 50  | 37  | 30 | 25 | 21 |
| 3         | 1          | 262                  | 165 | 120 | 94  | 66  | 51 | 41 | 35 |
|           | 2          | 123                  | 93  | 74  | 62  | 46  | 36 | 30 | 26 |
|           | 3+         | 123                  | 92  | 73  | 61  | 46  | 37 | 30 | 26 |
| 4         | 1          | 308                  | 200 | 147 | 117 | 83  | 64 | 52 | 44 |
|           | 2          | 160                  | 121 | 97  | 80  | 59  | 47 | 39 | 33 |
|           | 3+         | 159                  | 119 | 95  | 79  | 59  | 47 | 39 | 34 |
| 5         | 1          | 346                  | 229 | 171 | 136 | 97  | 75 | 61 | 52 |
|           | 2          | 193                  | 146 | 117 | 97  | 72  | 57 | 47 | 40 |
|           | 3+         | 191                  | 142 | 113 | 94  | 70  | 56 | 47 | 40 |
| 6         | 1          | 387                  | 260 | 195 | 157 | 112 | 87 | 71 | 60 |
|           | 2          | 229                  | 173 | 139 | 115 | 85  | 67 | 55 | 47 |
|           | 3+         | 225                  | 167 | 133 | 111 | 83  | 66 | 55 | 47 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable inward loads shown in this table are based on the lowest value of panel wrinkling, shear and deflection ratio limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance

**Table 4.** Allowable Inward Loads for 24Ga/26Ga Faced LS-36 Wall Panel with L/180 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |     |     |    |    |    |
|-----------|------------|----------------------|-----|-----|-----|-----|----|----|----|
|           |            | 3                    | 4   | 5   | 6   | 8   | 10 | 12 | 14 |
| 1.5       | 1          | 152                  | 93  | 66  | 51  | 35  | 24 | 15 | 10 |
|           | 2          | 62                   | 46  | 37  | 31  | 23  | 18 | 15 | 13 |
|           | 3+         | 63                   | 47  | 38  | 31  | 23  | 19 | 16 | 13 |
| 2         | 1          | 186                  | 115 | 83  | 65  | 45  | 34 | 22 | 15 |
|           | 2          | 81                   | 61  | 48  | 40  | 30  | 24 | 20 | 17 |
|           | 3+         | 82                   | 61  | 49  | 41  | 30  | 24 | 20 | 17 |
| 2.5       | 1          | 220                  | 138 | 100 | 78  | 54  | 42 | 30 | 21 |
|           | 2          | 100                  | 75  | 60  | 50  | 37  | 29 | 24 | 21 |
|           | 3+         | 101                  | 75  | 60  | 50  | 37  | 30 | 25 | 21 |
| 3         | 1          | 262                  | 165 | 120 | 94  | 66  | 51 | 38 | 27 |
|           | 2          | 123                  | 93  | 74  | 62  | 46  | 36 | 30 | 26 |
|           | 3+         | 123                  | 92  | 73  | 61  | 46  | 37 | 30 | 26 |
| 4         | 1          | 308                  | 200 | 147 | 117 | 83  | 64 | 52 | 42 |
|           | 2          | 160                  | 121 | 97  | 80  | 59  | 47 | 39 | 33 |
|           | 3+         | 159                  | 119 | 95  | 79  | 59  | 47 | 39 | 34 |
| 5         | 1          | 346                  | 229 | 171 | 136 | 97  | 75 | 61 | 52 |
|           | 2          | 193                  | 146 | 117 | 97  | 72  | 57 | 47 | 40 |
|           | 3+         | 191                  | 142 | 113 | 94  | 70  | 56 | 47 | 40 |
| 6         | 1          | 387                  | 260 | 195 | 157 | 112 | 87 | 71 | 60 |
|           | 2          | 229                  | 173 | 139 | 115 | 85  | 67 | 55 | 47 |
|           | 3+         | 225                  | 167 | 133 | 111 | 83  | 66 | 55 | 47 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable inward loads shown in this table are based on the lowest value of panel wrinkling, shear and deflection ratio limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 5. Allowable Outward Loads for 26Ga/26Ga Faced LS-36 Wall Panel  
with 12 Ga. Supports and L/120 Deflection Ratio<sup>1,2,3,4</sup>**

| Thickness | # of Spans | Support Spacing (ft) |     |     |    |    |    |    |    |
|-----------|------------|----------------------|-----|-----|----|----|----|----|----|
|           |            | 3                    | 4   | 5   | 6  | 8  | 10 | 12 | 14 |
| 1.5       | 1          | 122                  | 85  | 61  | 48 | 34 | 26 | 20 | 13 |
|           | 2          | 59                   | 45  | 36  | 29 | 22 | 18 | 15 | 12 |
|           | 3+         | 62                   | 46  | 37  | 31 | 23 | 18 | 15 | 13 |
| 2         | 1          | 139                  | 104 | 78  | 61 | 43 | 33 | 27 | 20 |
|           | 2          | 68                   | 51  | 41  | 34 | 25 | 20 | 17 | 14 |
|           | 3+         | 75                   | 56  | 45  | 37 | 28 | 22 | 19 | 16 |
| 2.5       | 1          | 155                  | 116 | 93  | 75 | 53 | 41 | 33 | 26 |
|           | 2          | 77                   | 58  | 46  | 38 | 28 | 23 | 19 | 16 |
|           | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 3         | 1          | 171                  | 129 | 103 | 86 | 64 | 50 | 40 | 30 |
|           | 2          | 86                   | 65  | 52  | 43 | 32 | 25 | 21 | 18 |
|           | 3+         | 93                   | 70  | 56  | 46 | 35 | 28 | 23 | 20 |
| 4         | 1          | 175                  | 131 | 105 | 87 | 66 | 52 | 44 | 37 |
|           | 2          | 88                   | 67  | 53  | 44 | 33 | 26 | 21 | 18 |
|           | 3+         | 94                   | 70  | 56  | 47 | 35 | 28 | 23 | 20 |
| 5         | 1          | 179                  | 134 | 107 | 89 | 67 | 54 | 45 | 38 |
|           | 2          | 90                   | 68  | 55  | 45 | 34 | 26 | 22 | 19 |
|           | 3+         | 96                   | 72  | 57  | 48 | 36 | 28 | 24 | 20 |
| 6         | 1          | 181                  | 136 | 108 | 90 | 68 | 54 | 45 | 39 |
|           | 2          | 92                   | 69  | 55  | 46 | 34 | 27 | 22 | 19 |
|           | 3+         | 97                   | 72  | 57  | 48 | 36 | 29 | 24 | 20 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 6.** Allowable Outward Loads for 26Ga/26Ga Faced LS-36 Wall Panel  
with 12 Ga. Supports and L/180 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |    |    |    |    |    |
|-----------|------------|----------------------|-----|-----|----|----|----|----|----|
|           |            | 3                    | 4   | 5   | 6  | 8  | 10 | 12 | 14 |
| 1.5       | 1          | 122                  | 85  | 61  | 48 | 34 | 21 | 13 | 9  |
|           | 2          | 59                   | 45  | 36  | 29 | 22 | 18 | 15 | 12 |
|           | 3+         | 62                   | 46  | 37  | 31 | 23 | 18 | 15 | 13 |
| 2         | 1          | 139                  | 104 | 78  | 61 | 43 | 31 | 20 | 13 |
|           | 2          | 68                   | 51  | 41  | 34 | 25 | 20 | 17 | 14 |
|           | 3+         | 75                   | 56  | 45  | 37 | 28 | 22 | 19 | 16 |
| 2.5       | 1          | 155                  | 116 | 93  | 75 | 53 | 41 | 27 | 19 |
|           | 2          | 77                   | 58  | 46  | 38 | 28 | 23 | 19 | 16 |
|           | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 3         | 1          | 171                  | 129 | 103 | 86 | 64 | 50 | 35 | 24 |
|           | 2          | 86                   | 65  | 52  | 43 | 32 | 25 | 21 | 18 |
|           | 3+         | 93                   | 70  | 56  | 46 | 35 | 28 | 23 | 20 |
| 4         | 1          | 175                  | 131 | 105 | 87 | 66 | 52 | 44 | 37 |
|           | 2          | 88                   | 67  | 53  | 44 | 33 | 26 | 21 | 18 |
|           | 3+         | 94                   | 70  | 56  | 47 | 35 | 28 | 23 | 20 |
| 5         | 1          | 179                  | 134 | 107 | 89 | 67 | 54 | 45 | 38 |
|           | 2          | 90                   | 68  | 55  | 45 | 34 | 26 | 22 | 19 |
|           | 3+         | 96                   | 72  | 57  | 48 | 36 | 28 | 24 | 20 |
| 6         | 1          | 181                  | 136 | 108 | 90 | 68 | 54 | 45 | 39 |
|           | 2          | 92                   | 69  | 55  | 46 | 34 | 27 | 22 | 19 |
|           | 3+         | 97                   | 72  | 57  | 48 | 36 | 29 | 24 | 20 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 7. Allowable Outward Loads for 24Ga/26Ga Faced LS-36 Wall Panel  
with 12 Ga. Supports and L/120 Deflection Ratio<sup>1,2,3,4</sup>**

| Thickness | # of Spans | Support Spacing (ft) |     |     |     |    |    |    |    |
|-----------|------------|----------------------|-----|-----|-----|----|----|----|----|
|           |            | 3                    | 4   | 5   | 6   | 8  | 10 | 12 | 14 |
| 1.5       | 1          | 147                  | 93  | 66  | 51  | 35 | 27 | 22 | 15 |
|           | 2          | 62                   | 46  | 37  | 31  | 23 | 18 | 15 | 13 |
|           | 3+         | 63                   | 47  | 38  | 31  | 23 | 19 | 16 | 13 |
| 2         | 1          | 155                  | 115 | 83  | 65  | 45 | 34 | 28 | 23 |
|           | 2          | 81                   | 61  | 48  | 40  | 30 | 24 | 20 | 17 |
|           | 3+         | 82                   | 61  | 49  | 41  | 30 | 24 | 20 | 17 |
| 2.5       | 1          | 163                  | 123 | 98  | 78  | 54 | 42 | 34 | 26 |
|           | 2          | 92                   | 69  | 55  | 46  | 34 | 27 | 22 | 19 |
|           | 3+         | 101                  | 75  | 60  | 50  | 37 | 30 | 25 | 21 |
| 3         | 1          | 172                  | 129 | 103 | 86  | 65 | 51 | 41 | 30 |
|           | 2          | 100                  | 75  | 60  | 50  | 37 | 29 | 24 | 21 |
|           | 3+         | 109                  | 81  | 65  | 54  | 41 | 32 | 27 | 23 |
| 4         | 1          | 187                  | 140 | 112 | 93  | 70 | 56 | 47 | 37 |
|           | 2          | 109                  | 82  | 66  | 55  | 40 | 32 | 26 | 22 |
|           | 3+         | 117                  | 87  | 70  | 58  | 44 | 35 | 29 | 25 |
| 5         | 1          | 207                  | 155 | 124 | 103 | 78 | 62 | 52 | 44 |
|           | 2          | 120                  | 91  | 72  | 60  | 44 | 35 | 29 | 25 |
|           | 3+         | 128                  | 95  | 76  | 63  | 47 | 38 | 32 | 27 |
| 6         | 1          | 217                  | 163 | 130 | 108 | 81 | 65 | 54 | 46 |
|           | 2          | 126                  | 95  | 76  | 63  | 47 | 37 | 30 | 26 |
|           | 3+         | 133                  | 99  | 79  | 66  | 49 | 39 | 33 | 28 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 8.** Allowable Outward Loads for 24Ga/26Ga Faced LS-36 Wall Panel  
with 12 Ga. Supports and L/180 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |     |    |    |    |    |
|-----------|------------|----------------------|-----|-----|-----|----|----|----|----|
|           |            | 3                    | 4   | 5   | 6   | 8  | 10 | 12 | 14 |
| 1.5       | 1          | 147                  | 93  | 66  | 51  | 35 | 24 | 15 | 10 |
|           | 2          | 62                   | 46  | 37  | 31  | 23 | 18 | 15 | 13 |
|           | 3+         | 63                   | 47  | 38  | 31  | 23 | 19 | 16 | 13 |
| 2         | 1          | 155                  | 115 | 83  | 65  | 45 | 34 | 22 | 15 |
|           | 2          | 81                   | 61  | 48  | 40  | 30 | 24 | 20 | 17 |
|           | 3+         | 82                   | 61  | 49  | 41  | 30 | 24 | 20 | 17 |
| 2.5       | 1          | 163                  | 123 | 98  | 78  | 54 | 42 | 30 | 21 |
|           | 2          | 92                   | 69  | 55  | 46  | 34 | 27 | 22 | 19 |
|           | 3+         | 101                  | 75  | 60  | 50  | 37 | 30 | 25 | 21 |
| 3         | 1          | 172                  | 129 | 103 | 86  | 65 | 51 | 38 | 27 |
|           | 2          | 100                  | 75  | 60  | 50  | 37 | 29 | 24 | 21 |
|           | 3+         | 109                  | 81  | 65  | 54  | 41 | 32 | 27 | 23 |
| 4         | 1          | 187                  | 140 | 112 | 93  | 70 | 56 | 47 | 37 |
|           | 2          | 109                  | 82  | 66  | 55  | 40 | 32 | 26 | 22 |
|           | 3+         | 117                  | 87  | 70  | 58  | 44 | 35 | 29 | 25 |
| 5         | 1          | 207                  | 155 | 124 | 103 | 78 | 62 | 52 | 44 |
|           | 2          | 120                  | 91  | 72  | 60  | 44 | 35 | 29 | 25 |
|           | 3+         | 128                  | 95  | 76  | 63  | 47 | 38 | 32 | 27 |
| 6         | 1          | 217                  | 163 | 130 | 108 | 81 | 65 | 54 | 46 |
|           | 2          | 126                  | 95  | 76  | 63  | 47 | 37 | 30 | 26 |
|           | 3+         | 133                  | 99  | 79  | 66  | 49 | 39 | 33 | 28 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 9.** Allowable Outward Loads for 26Ga/26Ga Faced LS-36 Wall Panel  
with 14 Ga Supports, 6 Fasteners per Support and L/120 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |     |     |    |    |    |
|-----------|------------|----------------------|-----|-----|-----|-----|----|----|----|
|           |            | 3                    | 4   | 5   | 6   | 8   | 10 | 12 | 14 |
| 1.5       | 1          | 135                  | 85  | 61  | 48  | 34  | 26 | 20 | 13 |
|           | 2          | 61                   | 46  | 36  | 30  | 23  | 18 | 15 | 13 |
|           | 3+         | 62                   | 46  | 37  | 31  | 23  | 18 | 15 | 13 |
| 2         | 1          | 167                  | 107 | 78  | 61  | 43  | 33 | 27 | 20 |
|           | 2          | 81                   | 60  | 48  | 40  | 30  | 24 | 20 | 17 |
|           | 3+         | 81                   | 61  | 48  | 40  | 30  | 24 | 20 | 17 |
| 2.5       | 1          | 199                  | 128 | 95  | 75  | 53  | 41 | 33 | 26 |
|           | 2          | 100                  | 75  | 60  | 50  | 37  | 29 | 24 | 21 |
|           | 3+         | 100                  | 75  | 60  | 50  | 37  | 30 | 25 | 21 |
| 3         | 1          | 238                  | 155 | 114 | 91  | 64  | 50 | 40 | 30 |
|           | 2          | 124                  | 93  | 74  | 61  | 46  | 36 | 30 | 25 |
|           | 3+         | 123                  | 92  | 73  | 61  | 46  | 36 | 30 | 26 |
| 4         | 1          | 284                  | 189 | 141 | 113 | 81  | 63 | 51 | 37 |
|           | 2          | 161                  | 122 | 97  | 80  | 59  | 47 | 39 | 33 |
|           | 3+         | 159                  | 119 | 94  | 79  | 59  | 47 | 39 | 34 |
| 5         | 1          | 340                  | 226 | 169 | 135 | 96  | 75 | 61 | 45 |
|           | 2          | 180                  | 136 | 109 | 91  | 67  | 53 | 44 | 37 |
|           | 3+         | 192                  | 143 | 113 | 94  | 70  | 56 | 47 | 40 |
| 6         | 1          | 361                  | 249 | 189 | 153 | 110 | 86 | 70 | 51 |
|           | 2          | 184                  | 139 | 111 | 92  | 68  | 53 | 44 | 37 |
|           | 3+         | 193                  | 144 | 115 | 96  | 72  | 57 | 48 | 41 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 10.** Allowable Outward Loads for 26Ga/26Ga Faced LS-36 Wall Panel  
with 14 Ga. Supports, 6 Fasteners per Support and L/180 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |     |     |    |    |    |
|-----------|------------|----------------------|-----|-----|-----|-----|----|----|----|
|           |            | 3                    | 4   | 5   | 6   | 8   | 10 | 12 | 14 |
| 1.5       | 1          | 135                  | 85  | 61  | 48  | 34  | 21 | 13 | 9  |
|           | 2          | 61                   | 46  | 36  | 30  | 23  | 18 | 15 | 13 |
|           | 3+         | 62                   | 46  | 37  | 31  | 23  | 18 | 15 | 13 |
| 2         | 1          | 167                  | 107 | 78  | 61  | 43  | 31 | 20 | 13 |
|           | 2          | 81                   | 60  | 48  | 40  | 30  | 24 | 20 | 17 |
|           | 3+         | 81                   | 61  | 48  | 40  | 30  | 24 | 20 | 17 |
| 2.5       | 1          | 199                  | 128 | 95  | 75  | 53  | 41 | 27 | 19 |
|           | 2          | 100                  | 75  | 60  | 50  | 37  | 29 | 24 | 21 |
|           | 3+         | 100                  | 75  | 60  | 50  | 37  | 30 | 25 | 21 |
| 3         | 1          | 238                  | 155 | 114 | 91  | 64  | 50 | 35 | 24 |
|           | 2          | 124                  | 93  | 74  | 61  | 46  | 36 | 30 | 25 |
|           | 3+         | 123                  | 92  | 73  | 61  | 46  | 36 | 30 | 26 |
| 4         | 1          | 284                  | 189 | 141 | 113 | 81  | 63 | 51 | 37 |
|           | 2          | 161                  | 122 | 97  | 80  | 59  | 47 | 39 | 33 |
|           | 3+         | 159                  | 119 | 94  | 79  | 59  | 47 | 39 | 34 |
| 5         | 1          | 340                  | 226 | 169 | 135 | 96  | 75 | 61 | 45 |
|           | 2          | 180                  | 136 | 109 | 91  | 67  | 53 | 44 | 37 |
|           | 3+         | 192                  | 143 | 113 | 94  | 70  | 56 | 47 | 40 |
| 6         | 1          | 361                  | 249 | 189 | 153 | 110 | 86 | 70 | 51 |
|           | 2          | 184                  | 139 | 111 | 92  | 68  | 53 | 44 | 37 |
|           | 3+         | 193                  | 144 | 115 | 96  | 72  | 57 | 48 | 41 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 11.** Allowable Outward Loads for 24Ga/26Ga Faced LS-36 Wall Panel  
with 14 Ga. Supports, 6 Fasteners per Support and L/120 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |     |     |    |    |    |
|-----------|------------|----------------------|-----|-----|-----|-----|----|----|----|
|           |            | 3                    | 4   | 5   | 6   | 8   | 10 | 12 | 14 |
| 1.5       | 1          | 152                  | 93  | 66  | 51  | 35  | 27 | 22 | 15 |
|           | 2          | 62                   | 46  | 37  | 31  | 23  | 18 | 15 | 13 |
|           | 3+         | 63                   | 47  | 38  | 31  | 23  | 19 | 16 | 13 |
| 2         | 1          | 186                  | 115 | 83  | 65  | 45  | 34 | 28 | 23 |
|           | 2          | 81                   | 61  | 48  | 40  | 30  | 24 | 20 | 17 |
|           | 3+         | 82                   | 61  | 49  | 41  | 30  | 24 | 20 | 17 |
| 2.5       | 1          | 220                  | 138 | 100 | 78  | 54  | 42 | 34 | 26 |
|           | 2          | 100                  | 75  | 60  | 50  | 37  | 29 | 24 | 21 |
|           | 3+         | 101                  | 75  | 60  | 50  | 37  | 30 | 25 | 21 |
| 3         | 1          | 262                  | 165 | 120 | 94  | 66  | 51 | 41 | 30 |
|           | 2          | 123                  | 93  | 74  | 62  | 46  | 36 | 30 | 26 |
|           | 3+         | 123                  | 92  | 73  | 61  | 46  | 37 | 30 | 26 |
| 4         | 1          | 308                  | 200 | 147 | 117 | 83  | 64 | 51 | 37 |
|           | 2          | 160                  | 121 | 97  | 80  | 59  | 47 | 39 | 33 |
|           | 3+         | 159                  | 119 | 95  | 79  | 59  | 47 | 39 | 34 |
| 5         | 1          | 346                  | 229 | 171 | 136 | 97  | 75 | 61 | 45 |
|           | 2          | 193                  | 146 | 117 | 97  | 72  | 57 | 47 | 40 |
|           | 3+         | 191                  | 142 | 113 | 94  | 70  | 56 | 47 | 40 |
| 6         | 1          | 387                  | 260 | 195 | 157 | 112 | 87 | 70 | 51 |
|           | 2          | 229                  | 173 | 139 | 115 | 85  | 67 | 55 | 47 |
|           | 3+         | 212                  | 158 | 126 | 105 | 79  | 63 | 52 | 45 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 12.** Allowable Outward Loads for 24Ga/26Ga Faced LS-36 Wall Panel  
with 14 Ga. Supports, 6 Fasteners per Support and L/180 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | # of Spans | Support Spacing (ft) |     |     |     |     |    |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------|-----|-----|-----|-----|----|----|----|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | 3                    | 4   | 5   | 6   | 8   | 10 | 12 | 14 |
| 1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1          | 152                  | 93  | 66  | 51  | 35  | 24 | 15 | 10 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2          | 62                   | 46  | 37  | 31  | 23  | 18 | 15 | 13 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3+         | 63                   | 47  | 38  | 31  | 23  | 19 | 16 | 13 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1          | 186                  | 115 | 83  | 65  | 45  | 34 | 22 | 15 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2          | 81                   | 61  | 48  | 40  | 30  | 24 | 20 | 17 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3+         | 82                   | 61  | 49  | 41  | 30  | 24 | 20 | 17 |
| 2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1          | 220                  | 138 | 100 | 78  | 54  | 42 | 30 | 21 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2          | 100                  | 75  | 60  | 50  | 37  | 29 | 24 | 21 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3+         | 101                  | 75  | 60  | 50  | 37  | 30 | 25 | 21 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1          | 262                  | 165 | 120 | 94  | 66  | 51 | 38 | 27 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2          | 123                  | 93  | 74  | 62  | 46  | 36 | 30 | 26 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3+         | 123                  | 92  | 73  | 61  | 46  | 37 | 30 | 26 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1          | 308                  | 200 | 147 | 117 | 83  | 64 | 51 | 37 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2          | 160                  | 121 | 97  | 80  | 59  | 47 | 39 | 33 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3+         | 159                  | 119 | 95  | 79  | 59  | 47 | 39 | 34 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1          | 346                  | 229 | 171 | 136 | 97  | 75 | 61 | 45 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2          | 193                  | 146 | 117 | 97  | 72  | 57 | 47 | 40 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3+         | 191                  | 142 | 113 | 94  | 70  | 56 | 47 | 40 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1          | 387                  | 260 | 195 | 157 | 112 | 87 | 70 | 51 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2          | 229                  | 173 | 139 | 115 | 85  | 67 | 55 | 47 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3+         | 212                  | 158 | 126 | 105 | 79  | 63 | 52 | 45 |
| <ol style="list-style-type: none"> <li>Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.</li> <li>Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits</li> <li>Structural capacity of the panel supports is not considered in this table</li> <li>Please contact Metl-Span Engineering for additional information and assistance</li> </ol> |            |                      |     |     |     |     |    |    |    |



**Table 13.** Allowable Outward Loads for 26Ga/26Ga Faced LS-36 Wall Panel  
with 16 Ga. Supports and L/120 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |    |    |    |    |    |
|-----------|------------|----------------------|-----|-----|----|----|----|----|----|
|           |            | 3                    | 4   | 5   | 6  | 8  | 10 | 12 | 14 |
| 1.5       | 1          | 122                  | 85  | 61  | 48 | 34 | 26 | 20 | 13 |
|           | 2          | 59                   | 45  | 36  | 29 | 22 | 18 | 15 | 12 |
|           | 3+         | 62                   | 46  | 37  | 31 | 23 | 18 | 15 | 13 |
| 2         | 1          | 139                  | 104 | 78  | 61 | 43 | 33 | 27 | 20 |
|           | 2          | 68                   | 51  | 41  | 34 | 25 | 20 | 17 | 14 |
|           | 3+         | 75                   | 56  | 45  | 37 | 28 | 22 | 19 | 16 |
| 2.5       | 1          | 155                  | 116 | 93  | 75 | 53 | 41 | 33 | 26 |
|           | 2          | 77                   | 58  | 46  | 38 | 28 | 23 | 19 | 16 |
|           | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 3         | 1          | 171                  | 129 | 103 | 86 | 64 | 50 | 40 | 30 |
|           | 2          | 78                   | 59  | 47  | 39 | 29 | 23 | 19 | 16 |
|           | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 4         | 1          | 175                  | 131 | 105 | 87 | 66 | 52 | 44 | 37 |
|           | 2          | 79                   | 60  | 48  | 39 | 29 | 23 | 19 | 16 |
|           | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 5         | 1          | 179                  | 134 | 107 | 89 | 67 | 54 | 45 | 38 |
|           | 2          | 80                   | 60  | 48  | 40 | 30 | 23 | 19 | 16 |
|           | 3+         | 85                   | 63  | 51  | 42 | 31 | 25 | 21 | 18 |
| 6         | 1          | 181                  | 136 | 108 | 90 | 68 | 54 | 45 | 39 |
|           | 2          | 81                   | 61  | 49  | 40 | 30 | 23 | 19 | 16 |
|           | 3+         | 85                   | 63  | 51  | 42 | 31 | 25 | 21 | 18 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 14.** Allowable Outward Loads for 26Ga/26Ga Faced LS-36 Wall Panel  
with 16 Ga. Supports and L/180 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | # of Spans | Support Spacing (ft) |     |     |    |    |    |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------|-----|-----|----|----|----|----|----|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | 3                    | 4   | 5   | 6  | 8  | 10 | 12 | 14 |
| 1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1          | 122                  | 85  | 61  | 48 | 34 | 21 | 13 | 9  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 59                   | 45  | 36  | 29 | 22 | 18 | 15 | 12 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 62                   | 46  | 37  | 31 | 23 | 18 | 15 | 13 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 139                  | 104 | 78  | 61 | 43 | 31 | 20 | 13 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 68                   | 51  | 41  | 34 | 25 | 20 | 17 | 14 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 75                   | 56  | 45  | 37 | 28 | 22 | 19 | 16 |
| 2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1          | 155                  | 116 | 93  | 75 | 53 | 41 | 27 | 19 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 77                   | 58  | 46  | 38 | 28 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 171                  | 129 | 103 | 86 | 64 | 50 | 35 | 24 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 78                   | 59  | 47  | 39 | 29 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 175                  | 131 | 105 | 87 | 66 | 52 | 44 | 37 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 79                   | 60  | 48  | 39 | 29 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 179                  | 134 | 107 | 89 | 67 | 54 | 45 | 38 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 80                   | 60  | 48  | 40 | 30 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 85                   | 63  | 51  | 42 | 31 | 25 | 21 | 18 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 181                  | 136 | 108 | 90 | 68 | 54 | 45 | 39 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 81                   | 61  | 49  | 40 | 30 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 85                   | 63  | 51  | 42 | 31 | 25 | 21 | 18 |
| <ol style="list-style-type: none"> <li>1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.</li> <li>2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits</li> <li>3. Structural capacity of the panel supports is not considered in this table</li> <li>4. Please contact Metl-Span Engineering for additional information and assistance</li> </ol> |            |                      |     |     |    |    |    |    |    |



**Table 15.** Allowable Outward Loads for 24Ga/26Ga Faced LS-36 Wall Panel  
with 16 Ga. Supports and L/120 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness | # of Spans | Support Spacing (ft) |     |     |    |    |    |    |    |
|-----------|------------|----------------------|-----|-----|----|----|----|----|----|
|           |            | 3                    | 4   | 5   | 6  | 8  | 10 | 12 | 14 |
| 1.5       | 1          | 147                  | 93  | 66  | 51 | 35 | 27 | 22 | 15 |
|           | 2          | 62                   | 46  | 37  | 31 | 23 | 18 | 15 | 13 |
|           | 3+         | 63                   | 47  | 38  | 31 | 23 | 19 | 16 | 13 |
| 2         | 1          | 155                  | 115 | 83  | 65 | 45 | 34 | 28 | 23 |
|           | 2          | 77                   | 57  | 46  | 38 | 28 | 23 | 19 | 16 |
|           | 3+         | 82                   | 61  | 49  | 41 | 30 | 24 | 20 | 17 |
| 2.5       | 1          | 163                  | 123 | 98  | 78 | 54 | 42 | 34 | 26 |
|           | 2          | 77                   | 58  | 46  | 38 | 29 | 23 | 19 | 16 |
|           | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 3         | 1          | 172                  | 129 | 103 | 86 | 65 | 51 | 41 | 30 |
|           | 2          | 78                   | 59  | 47  | 39 | 29 | 23 | 19 | 16 |
|           | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 4         | 1          | 184                  | 138 | 110 | 92 | 69 | 55 | 46 | 37 |
|           | 2          | 79                   | 59  | 47  | 39 | 29 | 23 | 19 | 16 |
|           | 3+         | 85                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 5         | 1          | 184                  | 138 | 110 | 92 | 69 | 55 | 46 | 39 |
|           | 2          | 79                   | 60  | 48  | 40 | 30 | 23 | 19 | 16 |
|           | 3+         | 85                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 6         | 1          | 184                  | 138 | 110 | 92 | 69 | 55 | 46 | 39 |
|           | 2          | 80                   | 61  | 49  | 40 | 30 | 23 | 19 | 16 |
|           | 3+         | 85                   | 63  | 51  | 42 | 31 | 25 | 21 | 18 |

1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.
2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits
3. Structural capacity of the panel supports is not considered in this table
4. Please contact Metl-Span Engineering for additional information and assistance



**Table 16.** Allowable Outward Loads for 24Ga/26Ga Faced LS-36 Wall Panel  
with 16 Ga. Supports and L/180 Deflection Ratio<sup>1,2,3,4</sup>

| Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | # of Spans | Support Spacing (ft) |     |     |    |    |    |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------|-----|-----|----|----|----|----|----|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | 3                    | 4   | 5   | 6  | 8  | 10 | 12 | 14 |
| 1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1          | 147                  | 93  | 66  | 51 | 35 | 24 | 15 | 10 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 62                   | 46  | 37  | 31 | 23 | 18 | 15 | 13 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 63                   | 47  | 38  | 31 | 23 | 19 | 16 | 13 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 155                  | 115 | 83  | 65 | 45 | 34 | 22 | 15 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 77                   | 57  | 46  | 38 | 28 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 82                   | 61  | 49  | 41 | 30 | 24 | 20 | 17 |
| 2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1          | 163                  | 123 | 98  | 78 | 54 | 42 | 30 | 21 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 77                   | 58  | 46  | 38 | 29 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 172                  | 129 | 103 | 86 | 65 | 51 | 38 | 27 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 78                   | 59  | 47  | 39 | 29 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 84                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 184                  | 138 | 110 | 92 | 69 | 55 | 46 | 37 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 79                   | 59  | 47  | 39 | 29 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 85                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 184                  | 138 | 110 | 92 | 69 | 55 | 46 | 39 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 79                   | 60  | 48  | 40 | 30 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 85                   | 63  | 50  | 42 | 31 | 25 | 21 | 18 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1          | 184                  | 138 | 110 | 92 | 69 | 55 | 46 | 39 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 80                   | 61  | 49  | 40 | 30 | 23 | 19 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3+         | 85                   | 63  | 51  | 42 | 31 | 25 | 21 | 18 |
| <ol style="list-style-type: none"> <li>1. Based on Allowable Stress Design (ASD). No factor has been applied for loads limited by deflection.</li> <li>2. Allowable outward loads shown in this table are based on the lowest value of panel wrinkling, shear, deflection ratio and fastener limits</li> <li>3. Structural capacity of the panel supports is not considered in this table</li> <li>4. Please contact Metl-Span Engineering for additional information and assistance</li> </ol> |            |                      |     |     |    |    |    |    |    |

LS-36 Wall Panels are not currently available for use in High-Velocity Hurricane Zones (HVHZ).



## General Code Compliance and Approval

DrJ's procedures are fully compliant with 17065 certification procedures and DrJ's scope of expertise.

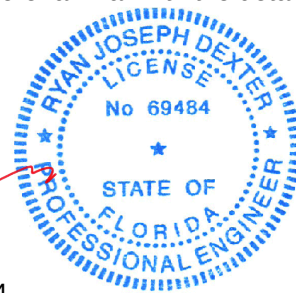
If there are any questions or concerns, we will gladly provide a professional engineering<sup>5</sup> and ANAB 17065 accredited approved agency<sup>6</sup> response. Pursuant to FBC Section 1707.1 and 104.11, we would sincerely appreciate knowing the specific building regulations and/or professional engineering law that this 17065 Research Report does not comply with, so that we can cure any non-conformance.<sup>7</sup> From specifics, we can then delineate a path forward that will serve everyone's best interests regarding free and fair market<sup>8</sup> competition.

Our goal with this 17065 evaluation and certification is to provide both the accepted engineering analysis and regulatory compliance substance that supports efficient approval. Please contact us if we can help further in any way. If your request is time sensitive, please contact Jill Zimmerman at 920-988-7165. If you received this report from another organization, we suggest that you reach out to them first with any questions, as they are likely more familiar with the details of your project and can coordinate with us if needed. Thank you very much.

Respectfully yours,

Chris Scoville  
Vice President Product Certification  
608-310-6720

Ryan Dexter, P.E.  
Florida P.E. No. 69484  
Vice President of Engineering  
608-310-6744



DrJ Engineering, LLC  
Certificate of Authorization #29766



Digitally signed by  
RYAN J DEXTER  
Date: 2026.10.19  
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<sup>1</sup> The scope of work contained herein is limited to the specific engineering and/or code compliance analysis undertaken in this duly authenticated report, which is also known as a technical evaluation, evaluation report, research report, accepted evaluation to a reasonable degree of engineering certainty, and so forth. This work has been prepared by an approved source, who is a Registered Design Professional (RDP). No representation or warranty is expressed or implied by this duly authenticated report beyond the scope of work performed. Information, data, and/or analysis that becomes available in the future may justify modifications to this professional evaluation report.

<sup>2</sup> Approval of an RDP takes place when the RDP is properly licensed in the pertinent jurisdiction. Commercial and professional engineering laws affirm that the RDP has the ability to undertake commerce applying engineering principles in their area of expertise without restraint or discrimination. Ohio has set legal precedent.

<sup>3</sup> Capitalized terms are defined in the building code, reference standards, TPI 1, the NDS, AISI S202, professional engineering law, Appendix A: Definitions/Commentary, and the National Building Code of Canada. Otherwise, terms not defined shall have ordinarily accepted meanings as the context implies.

<sup>4</sup> All ideas, engineering analysis, and test data are proprietary intellectual property (IP) and trade secrets (TS) and should not be provided to anyone. In particular, public regulatory officials are subject to freedom of information act requests – federal and state public records acts. This means that IP and TS will be in the public domain when any information is provided. In addition, each state also has legislation that mimics the federal Defend Trade Secrets Act 2016 (DTSA), where providing test reports, engineering analysis, and/or other related IP/TS is subject to prison of not more than 10 years and/or a \$5,000,000 fine or 3 times the value of the IP and TS. To follow DTSA and to comply with state public records and trade secret legislation requires approval through ANAB ISO/IEC 17065 accredited certification bodies or approved sources. For more information, please visit <http://www.drjengineering.org/AppendixC> and <https://www.drjcertification.org/cornell-2016-protection-trade-secrets>.

<sup>5</sup> Approved source. An independent person, firm, or corporation, approved by the building official, who is competent and experienced in the application of engineering principles to materials, methods, or systems analyses, which is a professional engineer. To find licensed professional engineers please see this website: <https://www.nspe.org/resources/licensure/licensing-boards>. An approved source is "approved" when a professional engineer (i.e., Registered Design Professional [RDP]) is properly licensed to transact engineering commerce. The regulatory authority governing approved sources is the state legislature via its professional engineering regulations. Commercial and professional engineering laws affirm that the RDP has the ability to undertake commerce applying engineering principles in their area of expertise without restraint or discrimination. Ohio has set legal precedent.

<sup>6</sup> ANAB accredited approved agencies. An approved agency shall be objective, competent and independent. An approved agency is "approved" when it is ANAB ISO/IEC 17065 accredited. DrJ Engineering, LLC (DrJ) is listed in the ANAB directory. Language is found in Section 1703.1.1.

<sup>7</sup> Where the alternative material, design, or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved. Language is found in Section 104.11.

<sup>8</sup> Competition provides businesses the opportunity to compete on price, quality, innovation, and wages, in an open market and on a level playing field, unhampered by anticompetitive restraints: <https://www.justice.gov/atr/mission>. State statutes by topic can be found at [https://www.law.cornell.edu/wex/unfair\\_competition](https://www.law.cornell.edu/wex/unfair_competition). Finally, given that government employees have monopoly approval power, they are held to high standards as it relates to bias in commerce (i.e., discrimination) as found at <https://www.justice.gov/crt/deprivation-rights-under-color-law> and <https://www.law.cornell.edu/uscode/text/42/1983>.