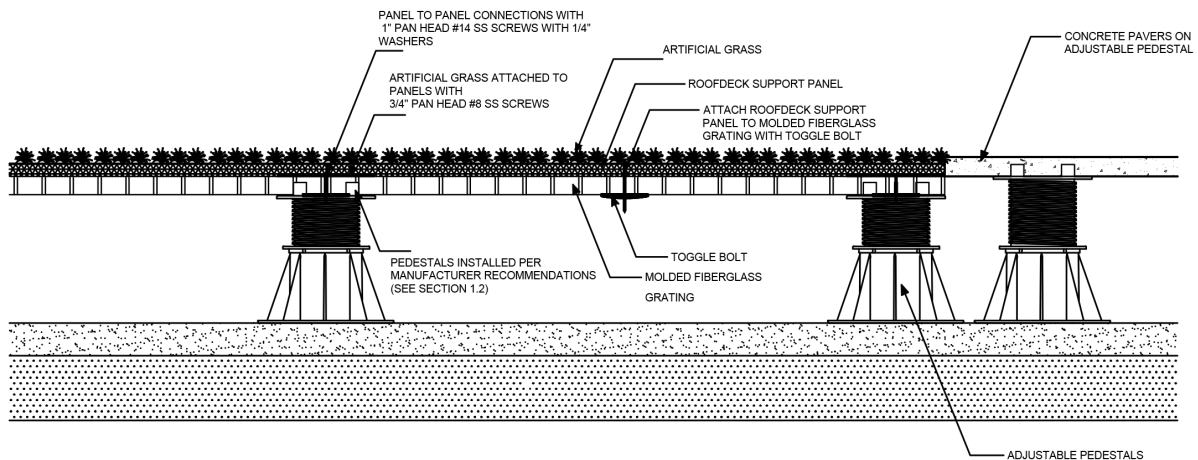
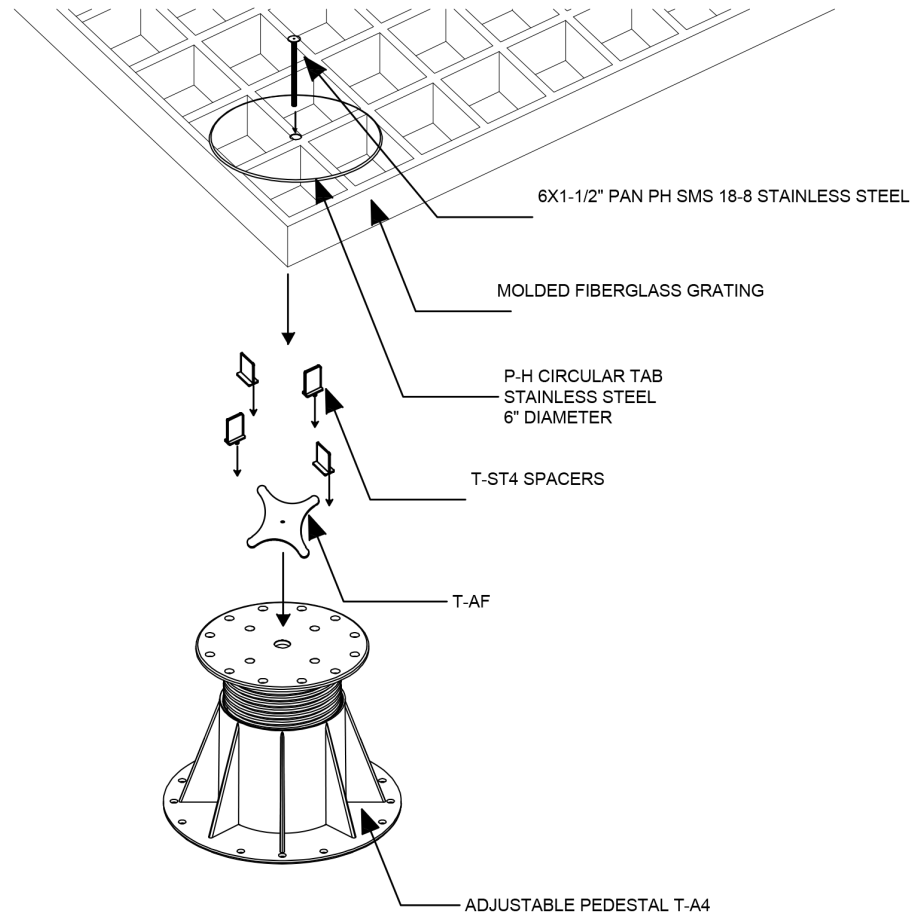




### PEDEXON ARTIFICIAL GRASS- GRATING SYSTEM





### NOTES:

1. The installation must be finished in compliance with the manufacturer's requirements..
2. Avoid scaling drawings.
3. This drawing is only meant to be used for planning purposes by Architects, Engineers, Contractors, Consultants, and Design Professionals. It is not permitted to use this drawing for construction.
4. To be regarded as accurate, all of the information contained here needs to be examined and approved by the product manufacturer.

### SPECIFICATIONS:

1. APPROPRIATE SEAMING GLUE AND SEAMING CLOTH SHOULD BE USED FOR SEAMS, NOT ADHESIVE TAPE. ADJACENT PIECES OF GRASS MUST RUN IN THE SAME DIRECTION WHEN IT IS INSTALLED AND SEAMED.
2. ADJUSTABLE PEDESTALS FOR 1-1/2" - 23" HEIGHTS. FOR INSTALLATIONS MORE THAN 23" USE PLEASE CONTACT THE MANUFACTURER.
3. INSTALL HORIZONTAL BRACES FOR STABILIZATION OF PAVER PEDESTALS EXCEEDING 23" IN HEIGHT.

## Concentrated Point Load Table

| MOLDED GRATING CONCENTRATED POINT LOAD TABLES - Deflection in Inches |        |               |          |      |      |      |      |      |      |
|--|--------|---------------|----------|------|------|------|------|------|------|
| CLEAR<br>SPAN  | STYLE  |               | LOAD(lb) |      |      |      |      |      |      |
|  | DEPTH  | MESH          |          |      |      |      |      |      |      |
| (in)   | (in)   | (in x in)     | 50       | 100  | 200  | 300  | 500  | 1000 | 2000 |
| 18   | 5/8    | 1x4           | 0.08     | 0.16 | 0.32 | 0.48 | -    | -    | -    |
|  | 1      | 1x4           | <.01     | 0.01 | 0.02 | 0.03 | 0.06 | 0.11 | 0.22 |
|  | 1      | 1-1/2 x 1-1/2 | <.01     | 0.01 | 0.03 | 0.04 | 0.07 | 0.14 | 0.27 |
|  | 1      | 2x2           | 0.04     | 0.08 | 0.16 | 0.24 | 0.40 | -    | -    |
|  | 1-1/2* | 1-1/2 x 1-1/2 | <.01     | <.01 | 0.01 | 0.02 | 0.03 | 0.06 | 0.13 |
|  | 2      | 2x2           | <.01     | <.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.1  |
| 24   | 5/8    | 1x4           | 0.19     | 0.38 | -    | -    | -    | -    | -    |
|  | 1      | 1x4           | 0.01     | 0.02 | 0.05 | 0.07 | 0.12 | 0.24 | 0.49 |
|  | 1      | 1-1/2 x 1-1/2 | 0.01     | 0.03 | 0.05 | 0.08 | 0.13 | 0.26 | -    |
|  | 1      | 2x2           | 0.10     | 0.19 | 0.39 | -    | -    | -    | -    |
|  | 1-1/2* | 1-1/2 x 1-1/2 | <.01     | 0.01 | 0.02 | 0.03 | 0.06 | 0.12 | 0.23 |
|  | 2      | 2x2           | <.01     | <.01 | 0.01 | 0.02 | 0.04 | 0.07 | 0.14 |
| 30   | 5/8    | 1x4           | 0.37     | -    | -    | -    | -    | -    | -    |
|  | 1      | 1x4           | 0.02     | 0.05 | 0.09 | 0.14 | 0.23 | 0.45 | -    |
|  | 1      | 1-1/2 x 1-1/2 | 0.03     | 0.05 | 0.10 | 0.15 | 0.26 | -    | -    |
|  | 1      | 2x2           | 0.19     | 0.37 | -    | -    | -    | -    | -    |
|  | 1-1/2* | 1-1/2 x 1-1/2 | 0.01     | 0.02 | 0.04 | 0.06 | 0.10 | 0.20 | -    |
|  | 2      | 2x2           | <.01     | 0.01 | 0.02 | 0.03 | 0.06 | 0.12 | 0.23 |
| 36   | 1      | 1x4           | 0.04     | 0.07 | 0.14 | 0.21 | 0.35 | -    | -    |
|  | 1      | 1-1/2 x 1-1/2 | 0.03     | 0.07 | 0.14 | 0.20 | 0.34 | -    | -    |
|  | 1      | 2x2           | 0.32     | -    | -    | -    | -    | -    | -    |
|  | 1-1/2* | 1-1/2 x 1-1/2 | 0.02     | 0.03 | 0.06 | 0.09 | 0.15 | 0.30 | -    |
|  | 2      | 2x2           | <.01     | 0.01 | 0.03 | 0.04 | 0.07 | 0.15 | 0.29 |
| 42   | 1      | 1x4           | 0.05     | 0.11 | 0.21 | 0.32 | -    | -    | -    |
|  | 1      | 1-1/2 x 1-1/2 | 0.06     | 0.12 | 0.23 | 0.35 | -    | -    | -    |
|  | 1-1/2* | 1-1/2 x 1-1/2 | 0.05     | 0.04 | 0.09 | 0.13 | 0.22 | 0.44 | -    |
|  | 2      | 2x2           | 0.01     | 0.02 | 0.05 | 0.08 | 0.12 | 0.25 | 0.50 |
| 46   | 1      | 1x4           | 0.07     | 0.13 | 0.26 | 0.39 | -    | -    | -    |
|  | 1      | 1-1/2 x 1-1/2 | 0.07     | 0.14 | 0.28 | 0.42 | -    | -    | -    |
| 48   | 1-1/2* | 1-1/2 x 1-1/2 | 0.03     | 0.06 | 0.12 | 0.18 | 0.29 | -    | -    |
|  | 2      | 2x2           | 0.01     | 0.03 | 0.06 | 0.09 | 0.15 | 0.30 | -    |
| 54   | 1-1/2* | 1-1/2 x 1-1/2 | 0.04     | 0.07 | 0.15 | 0.22 | 0.37 | -    | -    |
| 58   | 1-1/2* | 1-1/2 x 1-1/2 | 0.04     | 0.08 | 0.17 | 0.25 | 0.42 | -    | -    |

### Notes:

1. All gratings were tested in accordance with the proposed standard of the Fiberglass Grating Manufacturers Council of the American Composites Manufacturers Association (ACMA).
2. For covered grating use a multiplier of 0.5. This is limited to gratings of 1" - 2" depths. It is not recommended covering 3/4" or 1/2" gratings.
3. Max recommended and ultimate loads do not change as a result of adding a 1/8" deep covered plate.