

Scope of work:

Contractor will be responsible for the following:

- Design, fabrication and installation of four (4) modular temporary bridging deck systems that extend out over the existing fixed seats at the ImOn Ice Arena per Attachment E to create four (4) “party decks” that will be used as suites for patrons during events at the ImOn Ice Arena.
- Removal of fixed seats per Attachment E to allow for “party decks” installation and ADA seat relocations.
- Reinstallation of fixed seats as specified per Scope of Work and Attachment E to relocate ADA seating removed due to installation of party decks.

Page 1 of Attachment E is a guide only. The contractor will be responsible for gathering specific venue dimensions on site at the ImOn Ice Arena to design and fabricate the modular bridging deck system.

Materials:**Bridging deck system:**

Solid, “bridging deck” staging platform understructures, using as few support assemblies with decks bridging between support assemblies. Assemblies shall be of aluminum construction, have adjustable screw feet, be stable and wobble-free.

Construction: Vertical columns shall be 2 1/2” IPS aluminum pipe. Telescopic inner legs shall be 2” IPS aluminum pipe. Horizontal and diagonal braces shall be 2” OD, aluminum hollow bar. Horizontal and diagonal braces shall attach to frame by self-locking hooks that encircle nearly 70% of tube and require manual release. Retractable locator assembly bodies shall be made of 6061-T6 aluminum extrusion. The locator nodes shall have a 1” base diameter and be made of high-strength nylon, except the center node (permanently mounted to the inner leg) shall be made of DK1215 steel. Height shall adjust in increments of 2” without tools. A screw foot at the base of each column shall provide a 5” range of fine adjustment leveling. Each screw foot shall have a diameter of no less than 3/4” and have zinc-plated Acme threads. The bottom of the foot shall be molded urethane no less than 2 7/8” in diameter (OR SIMILAR CONSTRUCTION).

Certified, uniformly distributed live-load capacity of 4000 pounds per 4’ x 8’ section (125 pounds per square foot).

Decks:

Honeycomb core preferred or similar to reduce noise. Aluminum edging with molded corners. Surface shall be fiberglass sheeting 0.095” thick with black texture.

Construction: Deck shall be a laminate of high-strength outer layers bonded to a honeycomb core of rigidity and light weight. Deck shall be a 3.2”-thick laminate composite constructed of phenolic-treated cellulose honeycomb between 1/4” solid-core fir plywood. Deck edges shall be closed with a 6005-T5 aluminum extrusion that is clear-etched satin anodized. Corner reinforcement shall be made of high-impact, injection-molded poly-carbonate (or similar).

Deck sizes may vary but should be comprised of no more than 4’x8’ deck panels.

Guard Rails:

Welded construction using 1-1/2-inch-diameter steel tubing or similar.

Side Guardrails:

36-inch-high top rail with 6 mid rails spaced to prevent 4-inch-diameter sphere from passing through the rail up to 34 inches. 8-inch-diameter sphere cannot pass beyond 34 inches.

ATTACHMENT F

Back Guardrails:

42-inch-high top rail with 16 mid rails spaced to prevent 4-inch diameter sphere from passing through the rail up to 34 inches. 8-inch-diameter sphere cannot pass beyond 34 inches.

Vertical Pickets: 5/8-inch-diameter steel tubing spaced at a maximum of 4 inches on center.

Attach guardrails to decks.

Rail Loads:

Structurally design to support a concentrated load of 200 lbs. at any point and a uniform load of 50 lbs. per foot applied in any direction.

Concentrated and uniform loading conditions shall not be required to be applied simultaneously.

Hard Closure Boards:

Closure Boards to close in the decking system to limit access to the underside of the party deck.

Construction: Sectioned 5/8-inch plywood to effectively close the normal rise gap between each level of riser. Finish: Textured ABS sheeting (or similar). Edging: 5/8-inch black plastic T-molding applied to entire perimeter of each hard closure board. Mount 4-inch extruded aluminum clip to back of each hard closure board at regular intervals to facilitate attachment of hard closure panel to deck interlock track (or similar).