



## scenic corridors

Harneschfeger Park

- ▶ Boardwalks can "Open Up" wetland education and public understanding in a community
- ▶ Boardwalks facilitate bird watching and ecotourism
- ▶ Boardwalks can be used with schools for science education
- ▶ All structural lumber is MCA pressure treated and arsenic free
- ▶ Deck Mate patented fasteners will not strip, cam-out or rust
- ▶ Posts can be extended above deck for seat and bench construction
- ▶ Easy to make the natural twists and turns on your walkway
- ▶ Easy installation—only hand tools required
- ▶ Modular construction with adjustable heights
- ▶ 4', 5' and 6' widths x 8' long sections with various curbs or railings
- ▶ Patented boardwalk footing available in two sizes (US Patent No. 6,421,863)



Schaumburg, IL



Savage, MN



Harneschfeger Park

# CUSTOM MANUFACTURING INC.

## BOARDWALKS



Ramsey, MN



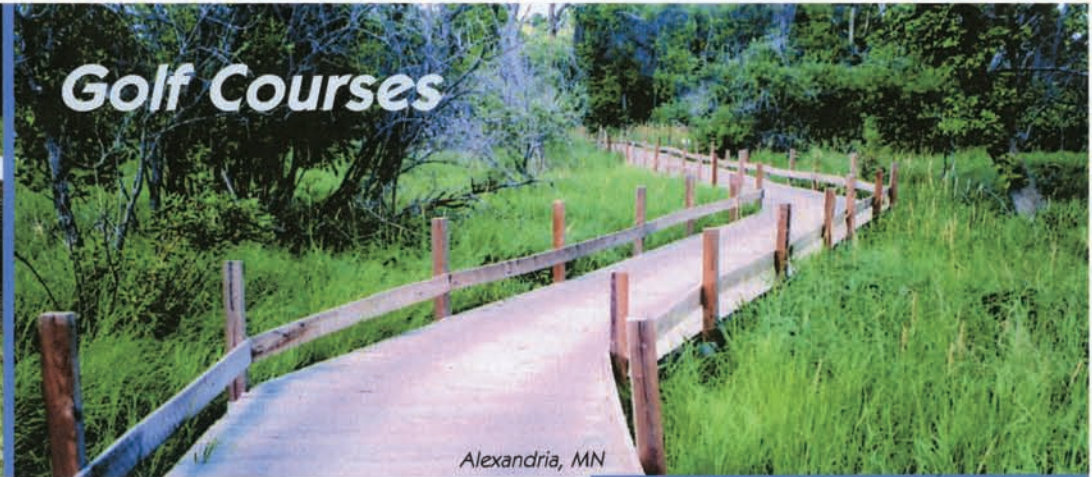
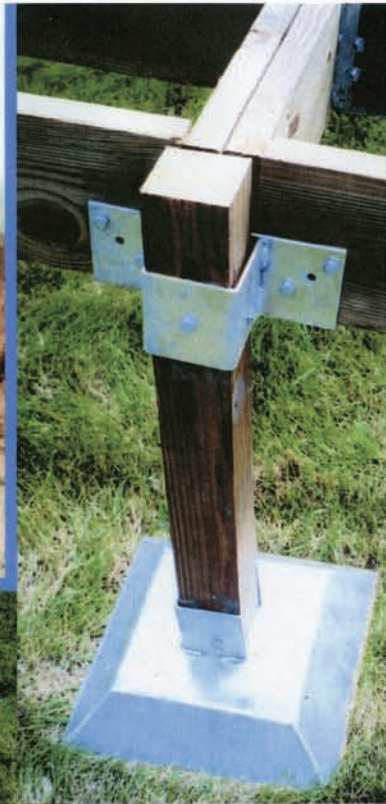
## Observation Towers

Park Forest, IL

Boardwalks are scenic corridors for discovering the mystery of wetland areas.

# CUSTOM MANUFACTURING INC.

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Alexandria, MN



### Boardwalk Design Loads:

Design dead load on deck	10. PSF
Design live load on deck, unless otherwise noted	40. PSF
Design live point load on hand railing, unless otherwise required	200. PSF

### Material Specifications:

Assumed soil bearing capacity without soil bearings	1500. PSF
All structural lumber is ACQ pressure treated and arsenic free southern pine MSR 2.0E rated, with bending fiber stress of	2,400. PSI

All structural steel members meet ASTM A572 / A992 Grade 50. 50,000. PSI

All structural steel connecting hardware meet ASTM A36 and is hot dipped galvanized. 36,000. PSI

Steel pans meet A36 and are hot dipped galvanized. 36,000. PSI

All hardware for connecting steel members is zinc coated and all hardware for connecting wood members is hot dipped galvanized.

Joist connectors are Simpson A35Z and LUS26Z

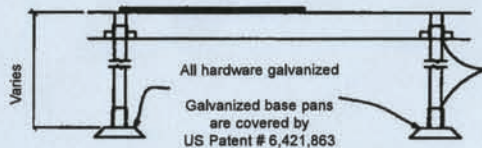
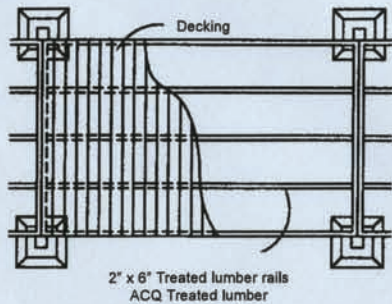
Deck screws are deckmate square-drive by Phillips Fastener Products, Inc. with Evercote finish.



Observation Tower, Park Forest, IL



Farmington, MN



Hot-dip galvanized brackets

### TYPICAL PANEL LAYOUT