



# Boardwalk Product Information

***CUSTOM***  
MANUFACTURING INC.



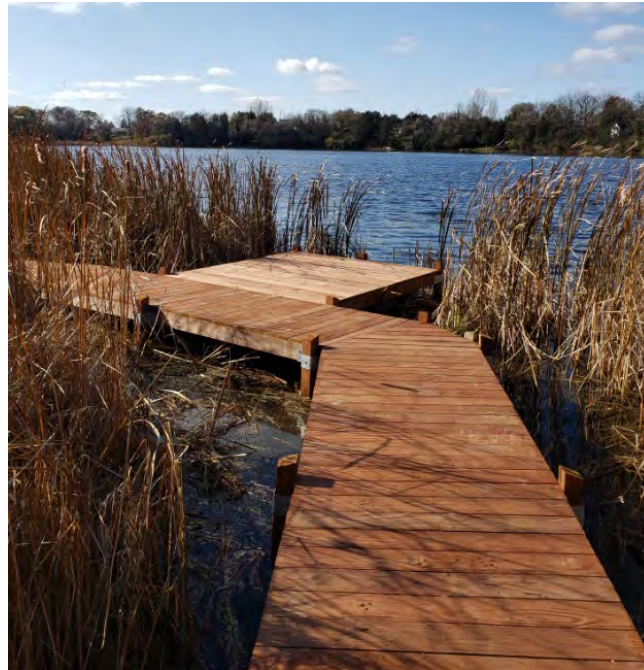
# Connecting People With Nature One Boardwalk At A Time.





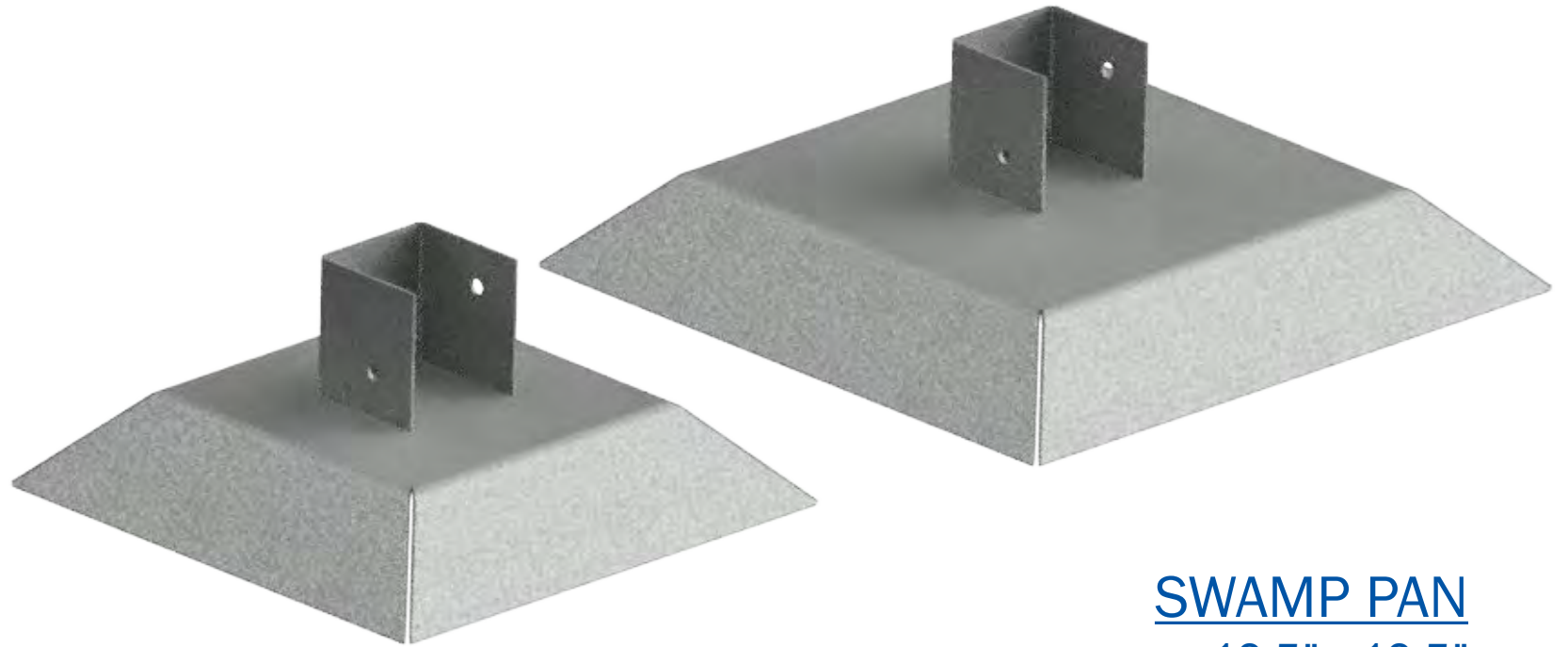
# Boardwalk Applications

- Hiking Trails
- Parks
- Wetlands
- Golf Courses
- Piers



# Foundation Pans

- 11 ga. Galvanized Steel
- Hot Dipped Galvanized



## STANDARD PAN

- 15.5" x 15.5"

## SWAMP PAN

- 19.5" x 19.5"
- WETLAND USE

4X4 SHOWN, ALSO AVAILABLE IN 4X6 & 6X6



# Brackets

- 11 ga. Galv Steel

LEFT TURN



UNIVERSAL TURN

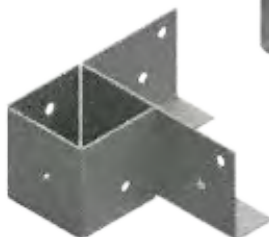
22.5° ANGLE RIGHT OR LEFT



HEADER BRACKETS



RIGHT TURN



STRAIGHT

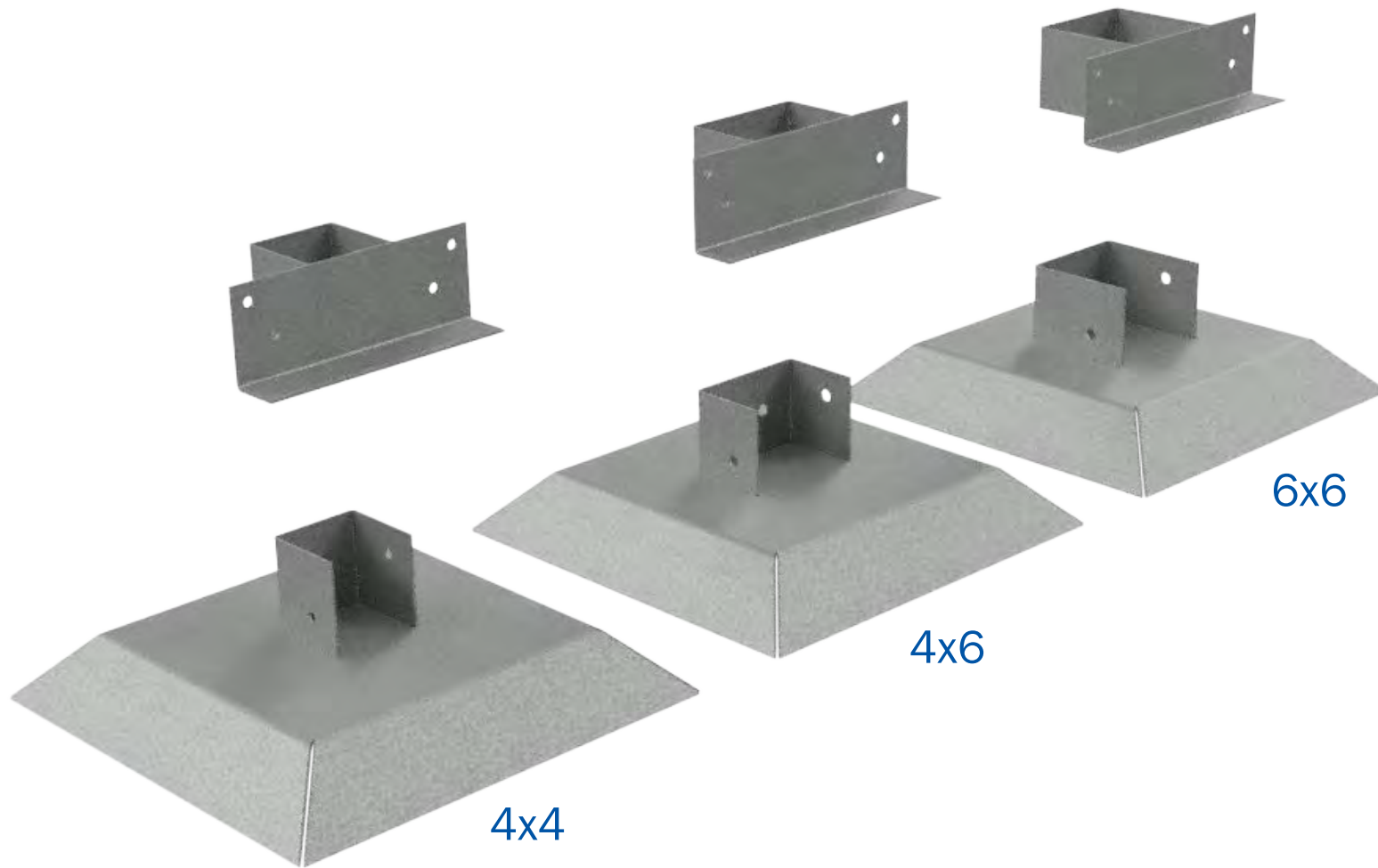


INSIDE CORNER



4X4 SHOWN, ALSO AVAILABLE IN 4X6 & 6X6

# Post Size Options



# Load Information

BOARDWALK DESIGN LOADS	LOAD
DEAD LOAD ON DECK	10 PSF
LIVE LOAD ON DECK, TYPICAL	40 PSF
DESIGN LIVE POINT LOAD ON HAND RAILING, TYPICAL	200 PSF

MATERIAL SPECIFICATIONS	LOAD
ASSUMED SOIL BEARING CAPACITY WITHOUT SOIL BEARINGS	1,500 PSF
STRUCTURAL MCA TREATED SOUTHERN YELLOW PINE MSR 2.0E RATED, BENDING FIBER STRESS	2,400 PSI
ALL STRUCTURAL STEEL MEMBERS MEET ASTM A572/A992 GRADE 50	50,000 PSI
ALL STRUCTURAL STEEL CONNECTING HARDWARE MEETS ASTM A36 AND IS HOT DIPPED GALVANIZED	36,000 PSI
STEEL PANS MEET ASTM A36 AND ARE HOT DIPPED GALVANIZED	36,000 PSI
JOIST CONNECTORS ARE SIMPSON A35Z AND LUS26Z DECK SCREWS ARE GRK STRUCTURAL SCREWS	



## Freeze/Thaw Adjustment

Our pan and bracket system are meant to float on the ground and are easy to adjust if required after freeze/thaw cycles

- To adjust, use a jack to support the boardwalk
- Remove the Lag bolts attaching the bracket to the post
- Use the jack to adjust the boardwalk
- Re-install lag bolts in the new position
  - Make sure lag is well secured into solid wood





# Curves

Pans  
Straight Brackets  
U-Turn Brackets



# Corners

Pans  
Straight Brackets  
Right and Left Corner Brackets  
Inside Corner Brackets





# Railing Options

42" & 54"  
Standard Heights

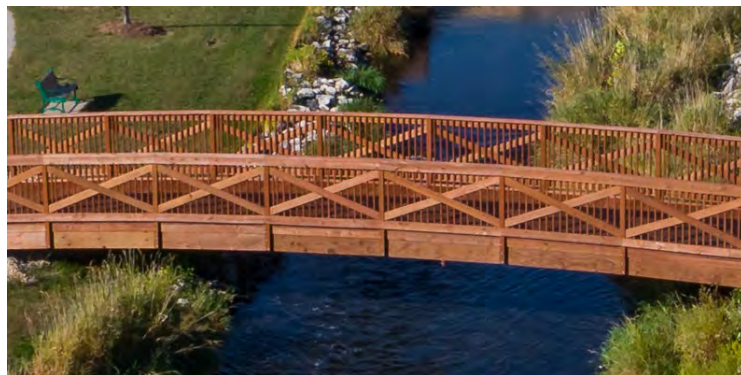
HORIZONTAL



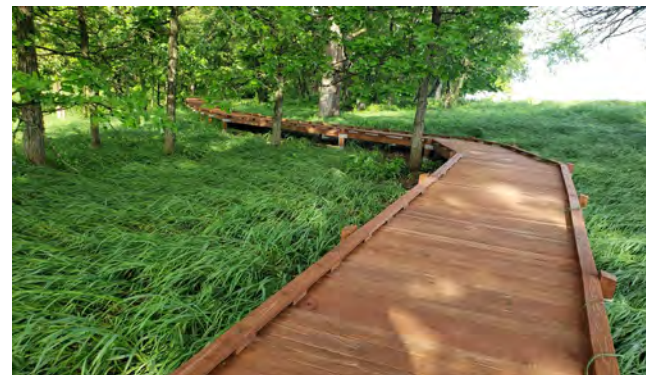
VERTICAL



VERTICAL W/ CROSSBUCKS



CURB



Park Forest, IL

Est. 2004





# UWM – Waukesha Field Station

Est. 2019





# Bell Laboratories Deforest, Wi

Est. 2019





Park Forest, IL

Est. 2012



Slinger, WI

Est. 2020

