

# PALLET DESIGN SYSTEM Version 4.1

## Pallet Specification Sheet

All dimensions in inches

### Customer:

PalletOne  
NIIN # 1436

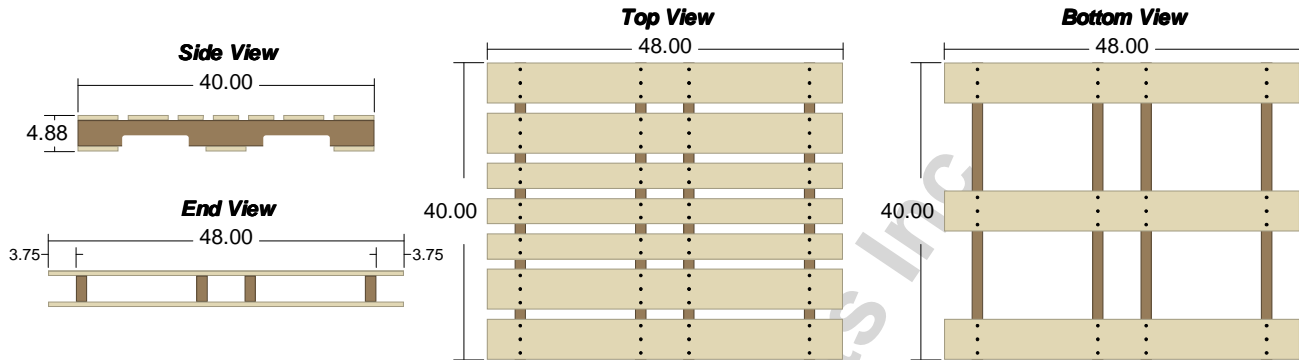
### Prepared by:

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PDS License: 47 Printed: March 03, 2009

### Pallet ID:

**Classification:** 40.00 x 48.00, Stringer-Class, Double-Face Non-Reversible, Partial 4-Way, Limited-Use, New Manufacture

**Pallet Treatments:** ISPM-15 Compliance: Heat Treatment (HT)



### Components

### Materials

#### Top Deck:

**Style:** Deckboard **Type:** New Lumber

Number	Thickness	Width	Length
3	0.688	3.500	48.00
4	0.688	5.500	48.00

**Volume:** 7.5 bd ft

#### Bottom Deck:

**Style:** Deckboard **Type:** New Lumber

Number	Thickness	Width	Length
3	0.688	5.500	48.00

**Volume:** 3.8 bd ft

#### Stringers:

**Type:** New Lumber

Number	Width	Height	Length
4	1.500	3.500	40.00

**Volume:** 5.8 bd ft

Partial 4-way Entry Notch:

Depth: 1.500 Length: 9.00 Location: 6.00 Radius: 0.75

#### Fasteners:

<b>Fastener ID:</b>	
<b>Fastener Type:</b>	Helically Threaded Nail
<b>Fastener Length:</b>	2.25
<b>Thread Length:</b>	1.63
<b>Thread Diameter:</b>	0.127
<b>Wire Diameter:</b>	0.115
<b>Head Diameter:</b>	0.280
<b>Helixes:</b>	6.5
<b>Flutes:</b>	4
<b>Thread Angle:</b>	68
<b>MIBANT Angle:</b>	31
<b>FWI:</b>	59
<b>FSI:</b>	77
<b>Total Number:</b>	108

#### New Lumber:

**Lumber ID:** Mixed Eastern Hardwoods

**Species Class** Southern Yellow Pine **Grade** Standard &BTR

**Moisture Content** (at manufacture and assembly): Kiln Dry - 19%

**Total New Lumber Volume:** 17.1 bd ft

### Spec Sheet Notes:

Bottom deck boards are chamfered  
Must stamp month/year and cage number  
No bark or decay on pallets  
4 stap slots 8 3/8" from stringer end 1 3/8" to 1 1/5" wide  
Lumber species allowed 11,12,13,22

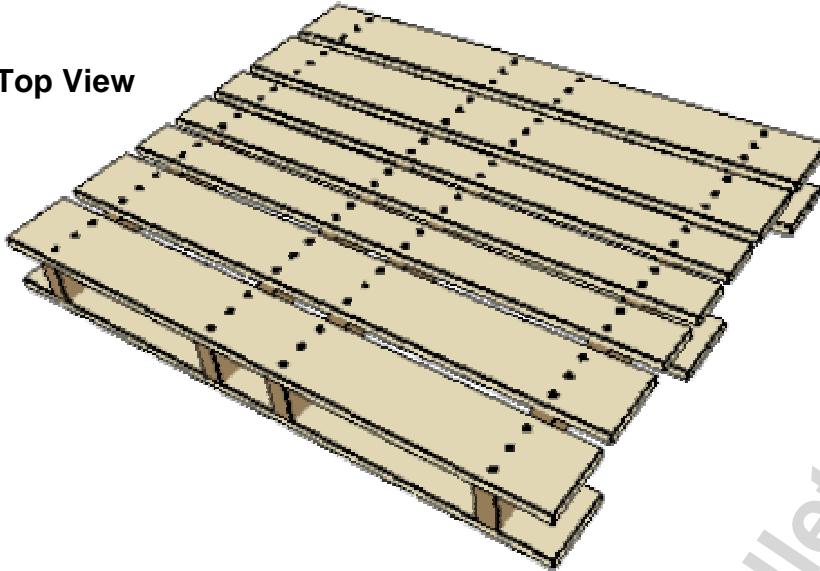
# PALLET DESIGN SYSTEM Version 4.1

## 3-D Pallet Drawings

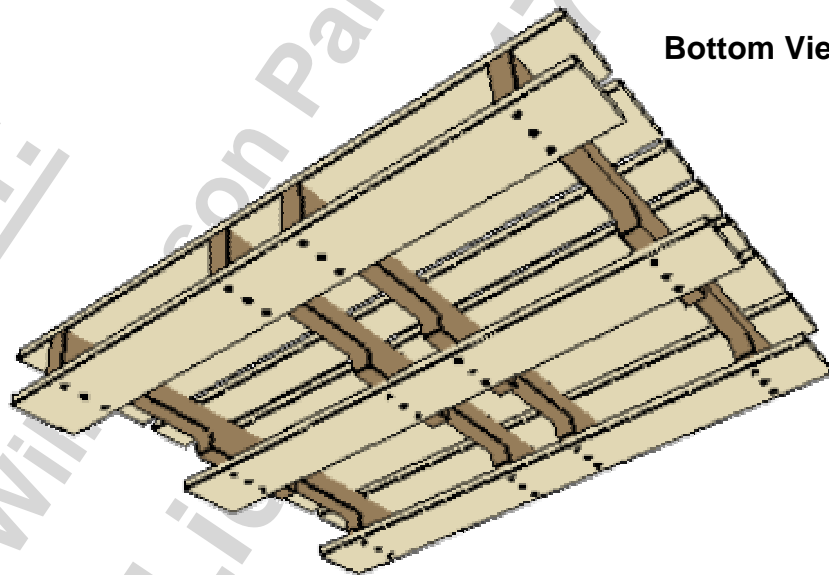
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Top View



Bottom View



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