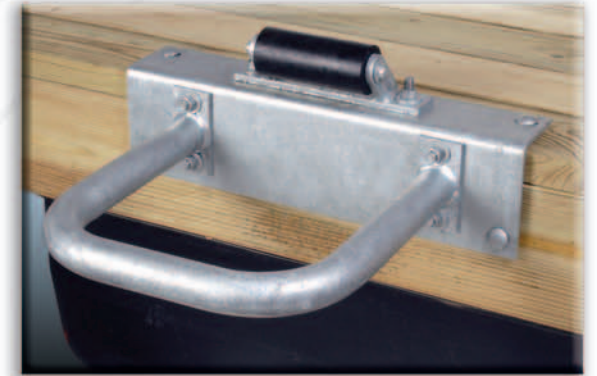
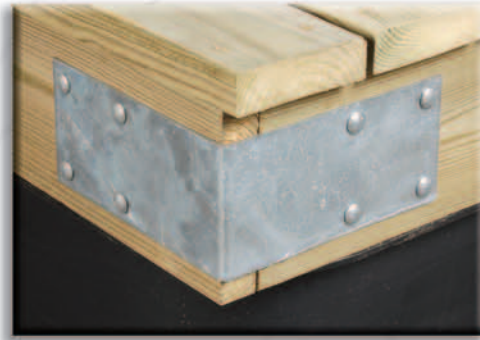
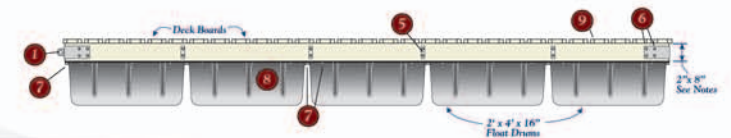
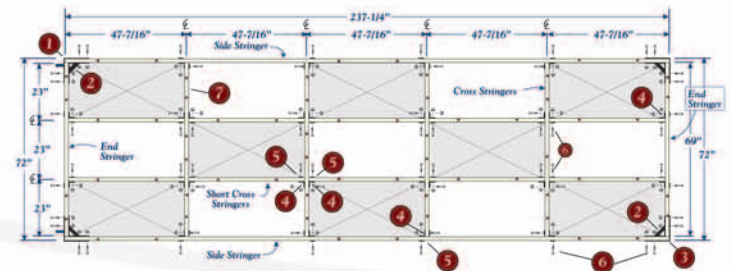
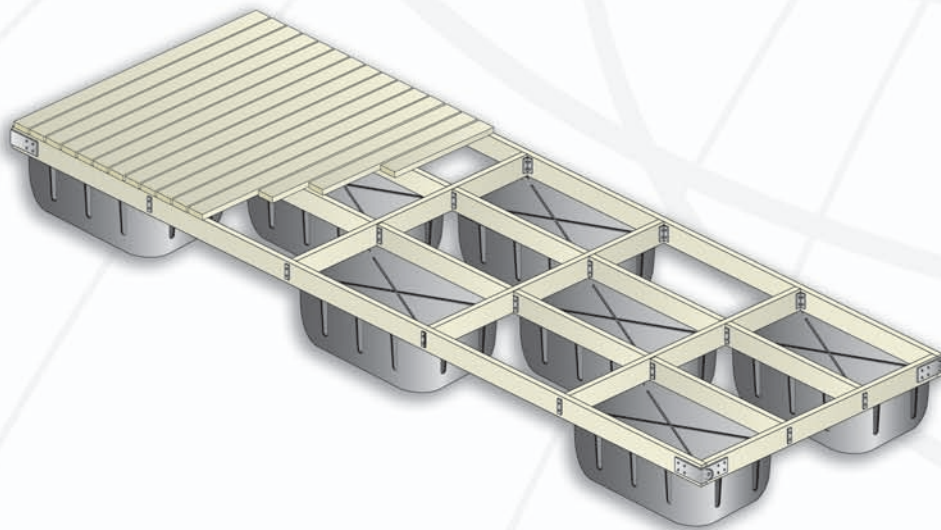




# DOCK SYSTEM



## Dock Hardware Catalog & Building Guide



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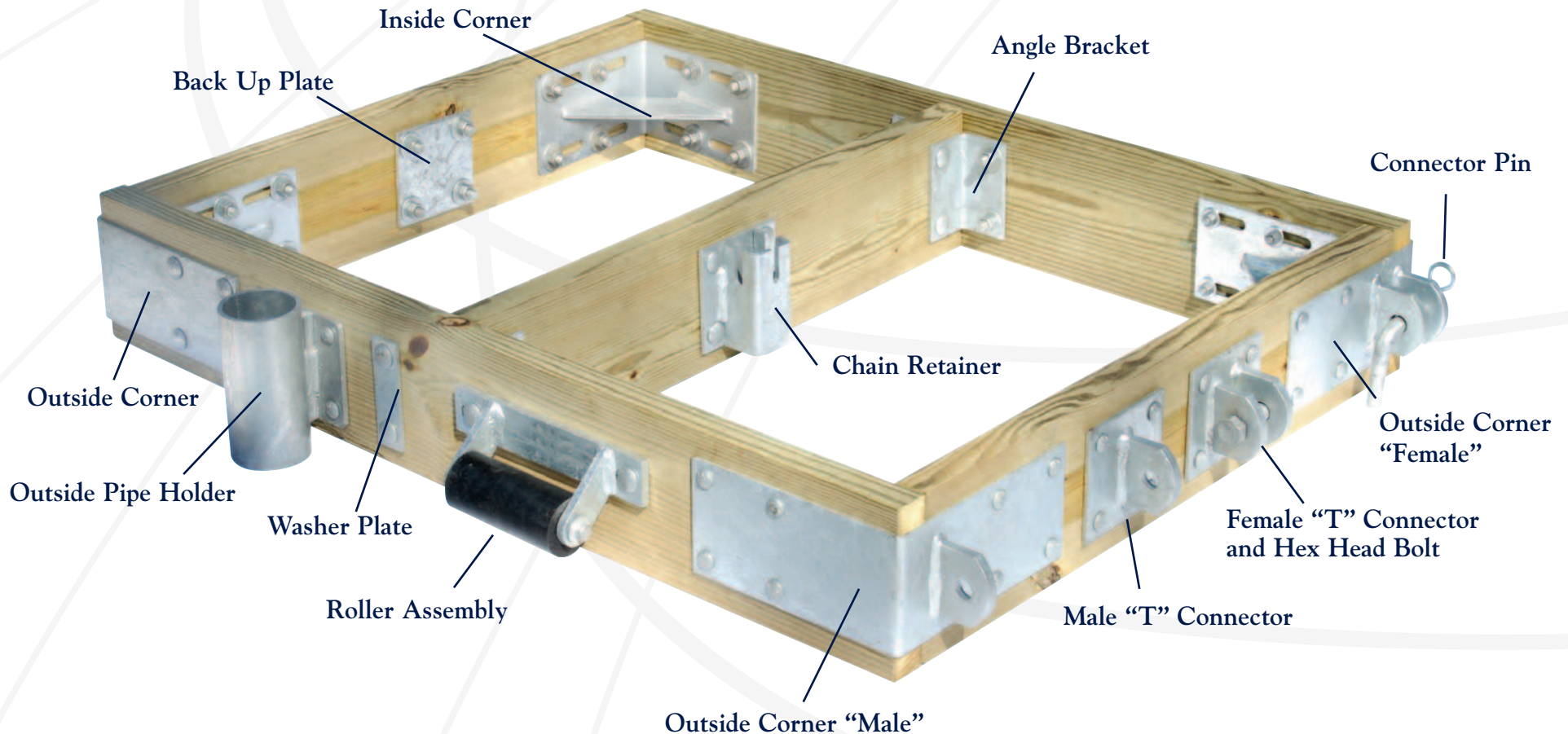
# DOCK SYSTEM

## Dock Hardware

Standard Grade (3/16" Galvanized Steel with 5/16" mounting holes)

Commercial Grade (1/4" Galvanized Steel with 9/16" mounting holes)

Tie Down Dock Hardware Is designed for use with 1-1/2" thick lumber (minimum width 6"). Standard Grade hardware is mounted with 3/8" carriage bolts. Commercial Grade hardware is mounted with 1/2" carriage bolts. Male and female dock to dock connections are made with either 3/4" bolts with nuts or 3/4" connecting pins. Tie Downs' Wood Dock Plans will show you the basics on building a long lasting floating dock system.



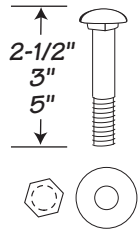
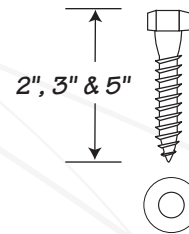


### Lag Bolt Set ▶

Bolt and flat washer hot dip galvanized used to attach flotation drums to dock system.

- 3/8" x 2" - Standard & Commercial
- 3/8" x 3" - Standard & Commercial
- 3/8" x 5" - Standard & Commercial

- Part #24287
- Part #24289
- Part #24292



### ◀ Carriage Bolt Set

Used to attach most component parts. Bolt, flat washer and nut hot dip galvanized. Match Carriage Bolt Sets with similar graded hardware.

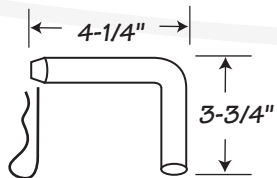
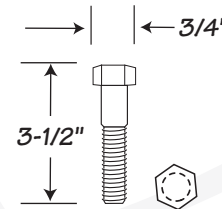
- Standard Grade - 3/8" x 2-1/2"
- Commercial Grade - 1/2" x 3"
- Commercial Grade - 1/2" x 5"

- Part #26534
- Part #26535
- Part #26536

### Hex Head Bolt Set ▶

Includes lock nut. Used to connect male and female T connectors. Galvanized. 3/4" x 3-1/2". Standard Grade

Part #24279



### ◀ Connector Pin Set

For quick disconnect. Used to connect male and female T connectors. Galvanized 3/4" connector pin and hitch clip pin.

Standard Grade

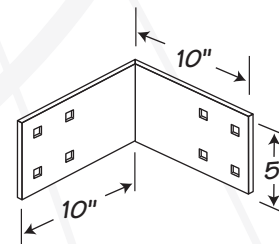
Part #26531

### Outside Corner End ▶

Use this corner at ends of fingers and docks. Ideal for swim floats and ski jump corners. Use with Inside Corners, Back Up Plates or Washer Plates.

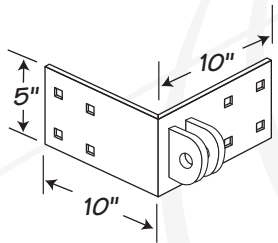
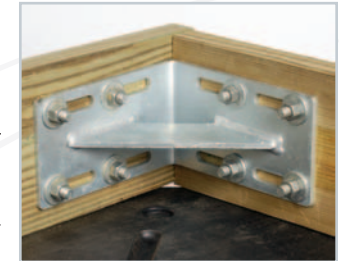
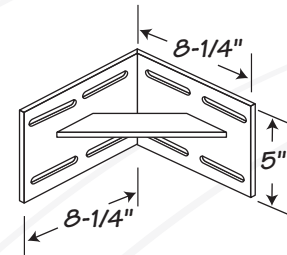
- Standard Grade - 10"L x 5"H
- Commercial Grade - 10"L x 5"H
- Commercial Grade - 12-1/4"L x 5"H

- Part #26523
- Part #26402
- Part #26428



### Inside Corner ▶

- This heavy duty inside corner should be used with one of the outside corners.
- Standard Grade - 8-1/4"L x 5"H with elongated holes Part #26524
  - Commercial Grade - 8-1/4"L x 5"H with elongated holes Part #26417
  - Commercial Grade - 8-1/4"L x 5"H with square holes Part #26401
  - Commercial Grade - 10-1/2"L x 5"H with elongated holes and larger brace Part #26424
  - Commercial Grade - 8-1/4"L x 5"H with elongated holes and larger brace Part #26430

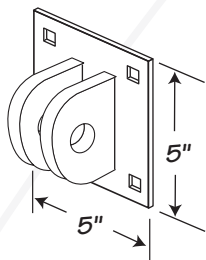
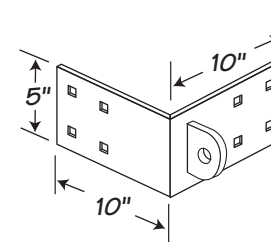


### ◀ Outside Corner/Female

- Use with a Male Outside Corners or Male T Connector. Each leg is 10"L x 5"H.
- Standard Grade - 1/2" welded tabs Part #26521
  - Commercial Grade - 1/2" welded tabs Part #26400

### Outside Corner/Male ▶

- Use with Female Outside Corners or a Female T Connector to connect docks end to end. Joint requires 3/4" bolt set or connector pin. Each leg is 10"L x 5"H.
- Standard Grade - 1/2" welded tab Part #26522
  - Commercial Grade - 1/2" welded tab Part #25491
  - Commercial Grade - 3/4" welded tab Part #26418

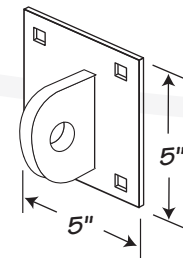


### ◀ Female T Connector

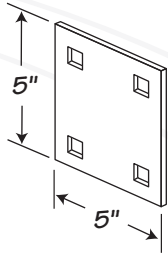
- Has two welded 1/2" tabs. Bolts to side of dock to attach fingers and ramps. The use of Back Up Plates or Washer Plates recommended. 5"L x 5"H.
- Standard Grade Part #26528
  - Commercial Grade Part #26407

### Male T Connector ▶

- Has one welded 1/2" tab. Use with Female T Connector or Outside Corners to attach fingers and ramps. The use of Back Up Plate or Washer Plates is recommended. 5"L x 5"H. 3/4" Bolt Set or Connector Pin required for joint.
- Standard Grade Part #26532
  - Commercial Grade Part #26408
  - Commercial Grade with 3/4" tab Part #26427







### ◀ Back Up Plate

5" x 5" reinforcing plates are used to back up the Single T Males & Females, Outside Corners, Chain Retainers, Rolling Ramp Brackets & Corner Pipe Holders

Commercial Grade Part #26413

### Washer Plate ▶

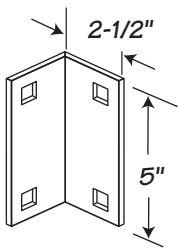
Use two washer plates with each angle. Measures 1-1/2"L x 5"H.

Standard Grade

Part #24284

Commercial Grade

Part #26409



### ◀ Angle Brackets/Clips

Use this heavy-duty angles for all cross supports.

Standard Grade

2-1/2"L x 5"H (Shown)

Part #26527

Commercial Grade

2-1/2"L x 5"H

Part #26406

Commercial Grade

3"L x 5"H

Part #26398

Commercial Grade

2-3/4"L x 2-1/2"H

Part #26392

Commercial Grade

4"L x 7"H

Part #26380

Commercial Grade

2-3/4"L x 5"H

Part #26422

Commercial Grade

4"L x 8"H

Part #26397

Commercial Grade

10"L x 3"H, 3 holes (Shown)

Part #26379

Commercial Grade

10"L x 3"H, 2 holes

Part #26382

Commercial Grade

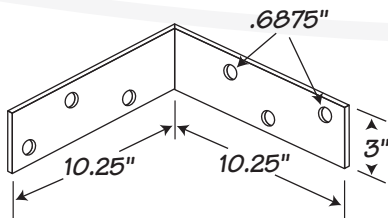
3"L x 6"H, 2 holes

Part #26381

Commercial Grade

2-1/2"L x 2-1/2"H

Part #26399

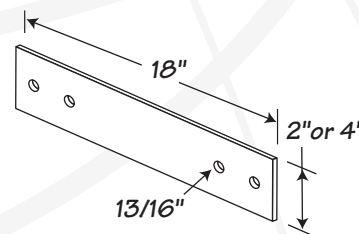


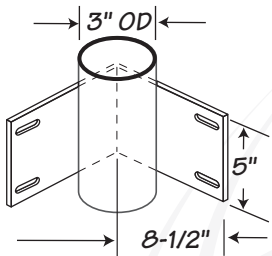
### Backing Plate ▶

For use with Piling Hoops. Standard Grade

Backing plate - 4"x18" x 7 ga. Part #26396

Backing plate - 2"x18" x 7 ga. Part #26369





### ◀ Inside Corner Pipe Holders

These heavy-duty inside corners should be used with one of the Outside Corners or Back Up Plates. Measures 8-1/2"L x 5"H. Requires carriage bolt set for attaching.

#### Inside Corner/Pipe Holder 2"

Standard Grade Part #26526

Commercial Grade Part #26405

#### Inside Corner/Pipe Holder 3"

Standard Grade Part #26525

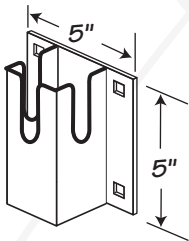
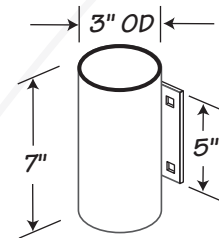
Commercial Grade Part #26404

### Outside Pipe Holder ▶

OD bolts to outside of dock. Carriage bolt set required for attaching. Use 2" pipe to hold dock in place.

Standard Grade Part #24280

Commercial Grade Part #26411



### ◀ Chain Retainer

Bolts to side of dock. Use weights and chains to hold dock in place.

The use of Back Up Plates or Washer Plates is recommended.

Accommodates 1/4", 3/8", & 1/2" chain. Measures 5"L x 5"H.

Standard Grade

Part #26529

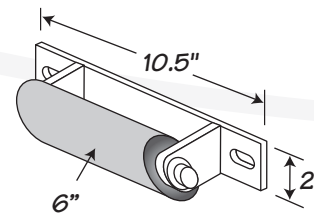
Commercial Grade

Part #26410

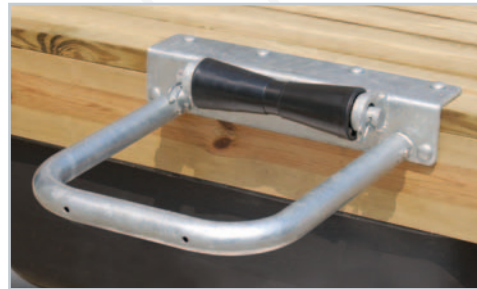
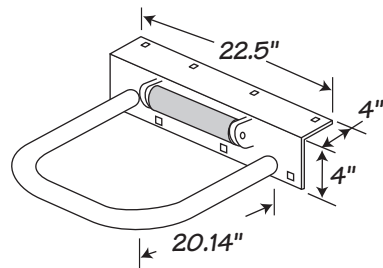
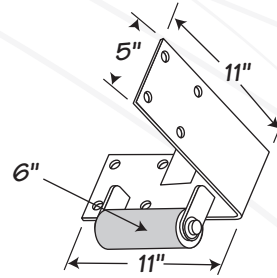
### Roller Assembly ▶

Heavy Duty Roller Assembly- Bracket and roller bolt directly to the Deck Plate (Model 26416) and can be added to aid up-and-down motion of the dock in areas with tidal action. The 6" roller turns on a 5/8" diameter shaft and the 3/8" bracket is hot-dipped galvanized.

Commercial Grade Part #26414

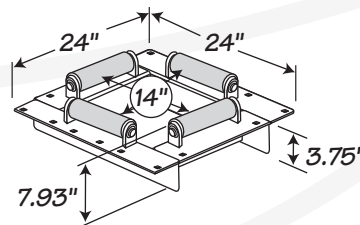
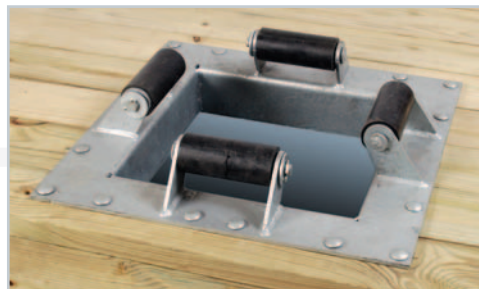
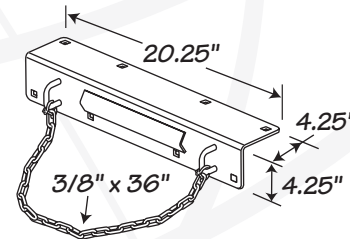


**Inside Rolling Ramp Bracket ▶**  
 5"x 11" x 1/4" galvanized steel. The use of Back  
 Up Plates or Washer Plates is recommended.  
 Includes left and right ramp brackets.  
 Commercial Grade Part #26431



**◀ 14" Hoop Roller Piling Holder**  
 20-1/4"x 4-1/4"x 4-1/4"x 1/4"  
 Commercial Grade Part #26423

**Chain Piling Holder ▶**  
 For use as a pile holder with 3/8" galvanized chain and shackles.  
 Can be adjusted for various pile diameters.  
 20-1/4"x 4-1/4"x 4-1/4"x 1/4" Steel  
 Commercial Grade Part #26419

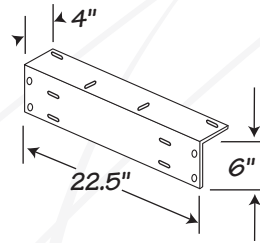
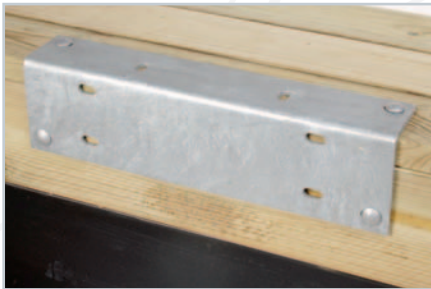
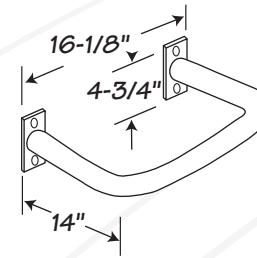


**◀ 14" Internal Piling Holder**  
 24"x 24"x 7-15/16"  
 Commercial Grade Part #26434



### Piling Hoop ▶

Heavy Duty Piling Hoop for pilings up to 12" in diameter. The hoop is constructed of 1-1/2" pipe and is hot dip galvanized. It can be bolted directly to the side of the dock or to the optional Deck Plate (Model 26416)  
Commercial Grade Part #26412

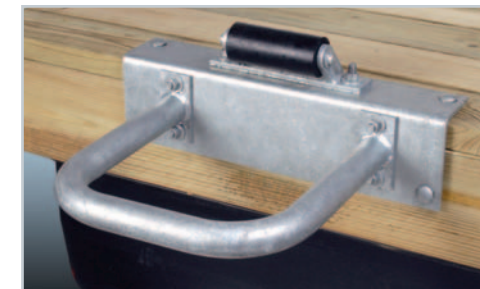
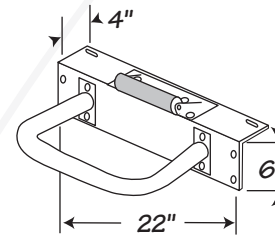


### ◀ Deck Plate

Heavy Duty Deck Plate for use with Piling Hoop. This 3/16" thick 4"x 6" plate can be bolted from the top and side of the dock. The hoop can then be bolted to the deck plate, allowing it to be removed seasonally. 22" long  
Commercial Grade Part #26416

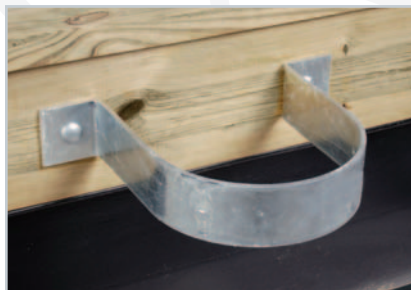
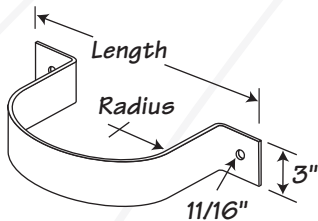
### Piling Hoop & Roller ▶

Piling Hoop & Roller Assembly intended for areas with lots of wind, current, or tidal action. Combines the Piling Hoop (Model 26412) and Roller Assembly (Model 26414) to make up and down movement easier. For pilings up to 12" in diameter.  
Commercial Grade Part #26415



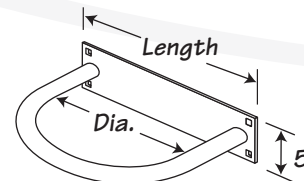
### ◀ Piling Hoop

Heavy Duty 1/4" galvanized steel x 3" high  
Commercial Grade - 14" x 3" with 4" radius for 8" Piles Part #26429  
Commercial Grade - 16" x 3" with 5" radius for 10" Piles Part #26391  
Commercial Grade - 18" x 3" with 6" radius for 12" Piles Part #26394  
Commercial Grade - 20" x 3" with 7" radius for 14" Piles Part #26393



### Piling Hoop ▶

Heavy Duty 1/4" Stainless Steel x 5" high  
Commercial Grade - 15" x 5" with 8" Dia. Part #26370  
Commercial Grade - 17" x 5" with 10" Dia. Part #26371  
Commercial Grade - 19" x 5" with 12" Dia. Part #26372  
Commercial Grade - 21" x 5" with 14" Dia. Part #26373



# Jet Rail

# Jet Rail XL

- ▶ One person launch n' load
- ▶ Easy assembly
- ▶ Nothing else to buy
- ▶ Small "footprint" takes up less room on dock



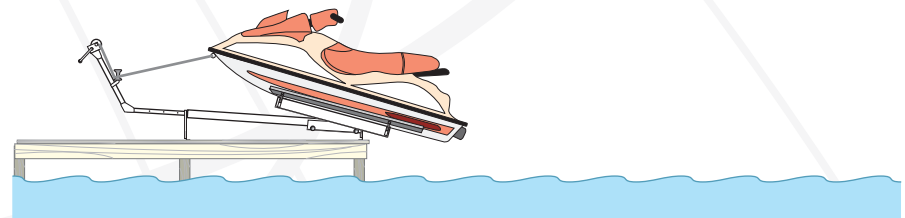
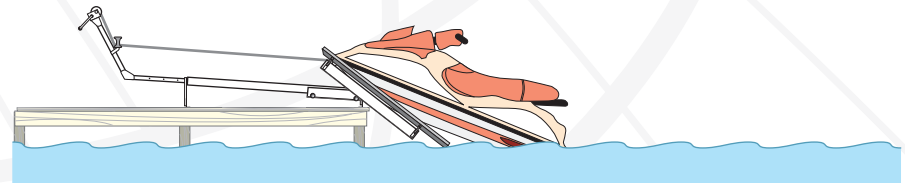
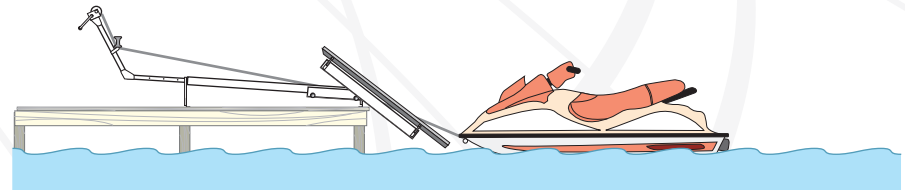
◀ Jet Rail  
Part #27277



Jet Rail XL ▶  
Part #27377

The Jet Rail & Jet Rail XL are all galvanized steel PWC lift designed for easy one person "launch and load". The small foot print under the ski allows easy walk around while the watercraft is stored on the dock or seawall. The brake Wench and mount adjusts to any size watercraft and slides inside the lift when not in use, saving even more precious dock space. Carpeted bunk boards and all hardware are included. All you add is your PWC!

Jet Rail maximum weight is 650 lbs. (Including gas & oil)  
Jet Rail XL maximum weight is 950 lbs. (Including gas & oil)



# Jet Rail

## Specifications:

Weight without PWC	161 lbs
Length with extension in	7'-1"
Length with full extension	10'-4"
Width without PWC	21-1/2"
Width of dock mounting hardware	18"
Length between dock mounting hardware	6'
Wench capacity	800 lbs
Wench strap length	15'
Height without PWC at Wench	36"
Height without PWC at bunk rail	19"
Maximum space between edge of dock and rear dock mount	2.5"
Bunk Length	5'
Max. hight from water to dock mount	22"

## Capacities:

Width of PWC	Determined by dock space
Length of PWC	10'-2"
Weight of PWC	650 lb*
*(or capacity of dock, whichever is less)	

## Shipping Boxes

Box 1: Dimensions 43" x 50" x 7-1/4"	Weight 66 lbs.
Box 2: Dimensions 8-1/2" x 4-1/2" x 74"	Weight 46 lbs.
Box 3: Dimensions 22-1/4" x 8" x 48-1/4"	Weight 54 lbs.

Jet Rail  
Part #27277

# Jet Rail XL

## Specifications:

Weight without PWC	175 lbs
Length with extension in	7' 1"
Length with full extension	10' 8"
Width without PWC	22"
Width of dock mounting hardware	18"
Length between dock mounting hardware	6'
Wench capacity	1200 lbs
Wench strap length	15'
Height without PWC at Wench	36"
Height without PWC at bunk rail	19"
Maximum space between edge of dock and rear dock mount	2.5"
Bunk Length	5'
Max. hight from water to dock mount	22"

## Capacities:

Width of PWC	Determined by dock space
Length of PWC	10'-2"
Weight of PWC	950 lb*
*(or capacity of dock, whichever is less)	

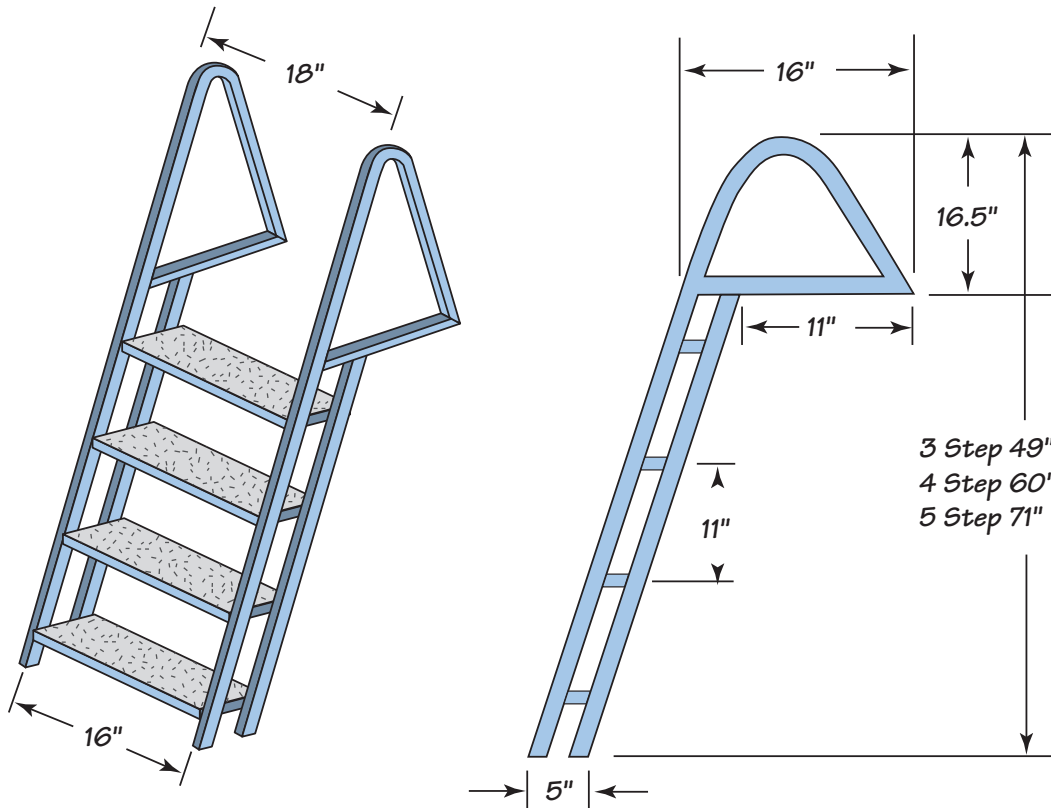
## Shipping Boxes:

Box 1: Dimensions 43" x 50" x 7-1/4"	Weight 73 lbs.
Box 2: Dimensions 8-1/2" x 4-1/2" x 74"	Weight 50 lbs.
Box 3: Dimensions 22-1/4" x 8" x 48-1/4"	Weight 58 lbs.

Jet Rail XL  
Part #27377



# Dock Ladders



Comes in two finishes; blue powder coat and galvanized (silver finish), and three sizes- 3 step, 4 step, and 5 step. Powder coat provides a tough, durable finish. Steps are galvanized and powder coated for extra protection. Galvanized version protects against rust and corrosion in salt water.



◀ 4 Step Ladder  
Powder Coat  
Part #27274



Speed Release ▶  
Part #27271

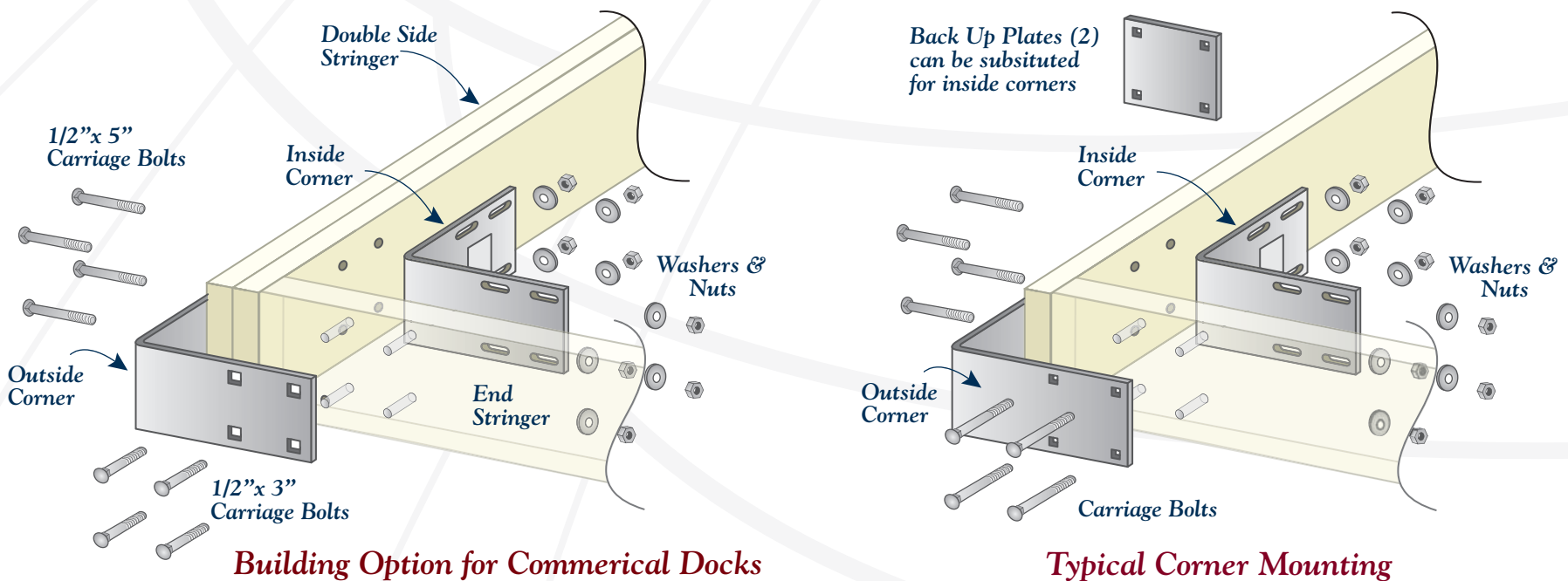
Blue Powder Coat	Description	Galvanized
27273	3- Step Ladder	28273
27274	4- Step Ladder	28274
27275	5- Step Ladder	28275
NA	Speed Release	27271

Tie Down Dock Hardware is designed for use with 1-1/2" thick lumber (minimum width 6"). Standard Grade hardware is mounted with 3/8" carriage bolts. Commercial Grade hardware is mounted with 1/2" carriage bolts. Male and female dock to dock connections are made with either 3/4" bolts with lock nuts or 3/4" connecting pins.

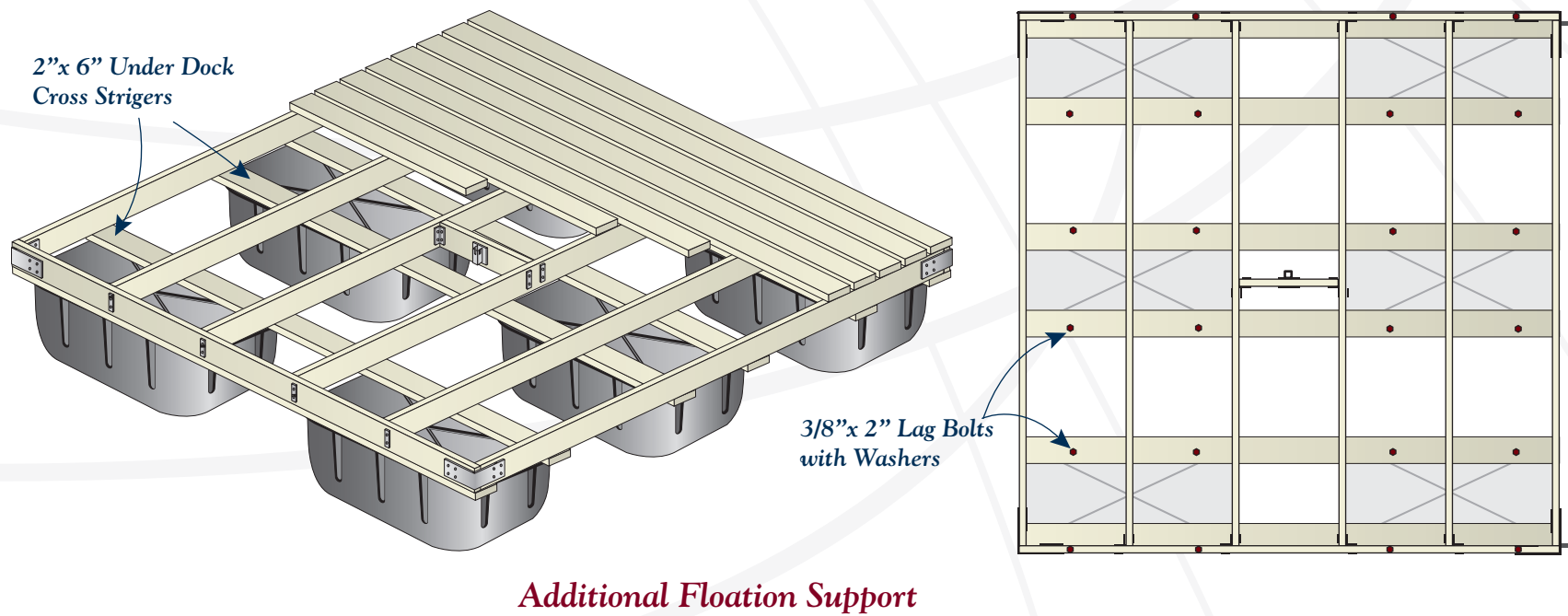
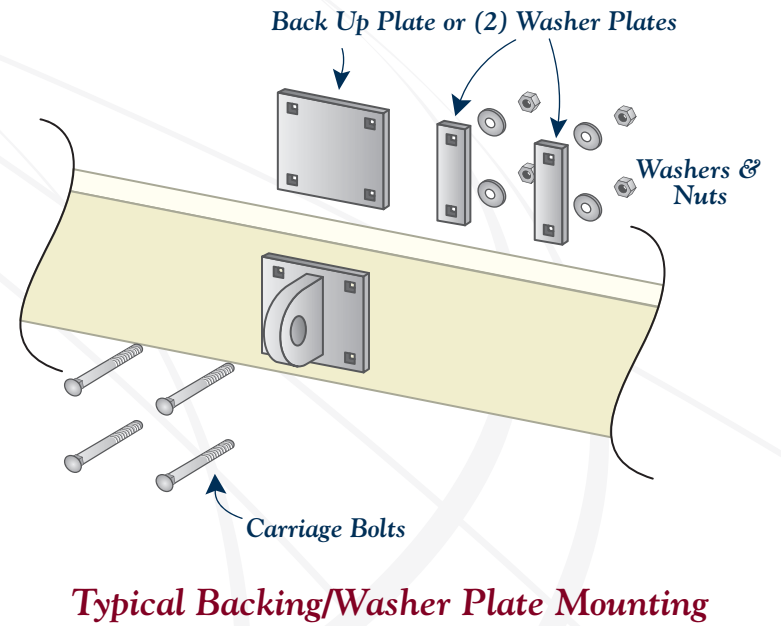
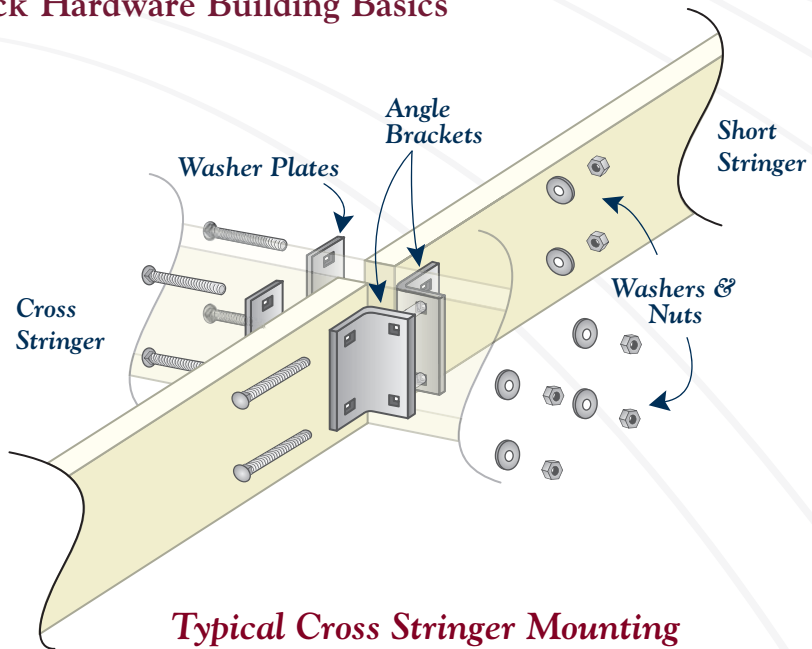
### Design Notes:

Tie Down assumes no responsibility or liability for the completeness or accuracy of these drawings. Drawings are provided as a guideline only. Dimensions are approximate.

1. Variances do concur in lumber and component parts, so please check all measurements on dock hardware, float drums and lumber prior to drilling holes. Verify all dimensions length, width and thickness of lumber.
2. Commercial docks may be reinforced with double side stringers. If double side stringers are used, 3" must be added to the overall width of the dock including the deck boards. Carriage Bolt Sets must be altered accordingly.
3. As an option for side stringers, 2" x 10" and 2" x 12" lumber can be used. Should you use 3"x 8" or 3"x10" lumber as a substitute, measurements of cross and end stringers along with fasteners must be altered accordingly.
4. With additional framing for support 2x decking can be attached width ways. Using anything less than 2x lumber will also require additional support. Refer to main dock decking drawing for further details.
5. Refer to manufacturer's floatation chart for recommended number of floats to be used if using anything other than a 2'x4'x16" or 3'x4'x16".

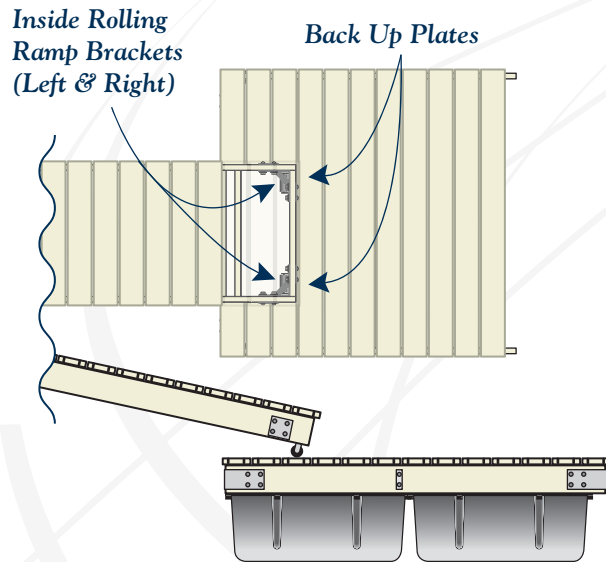


# Dock Hardware Building Basics

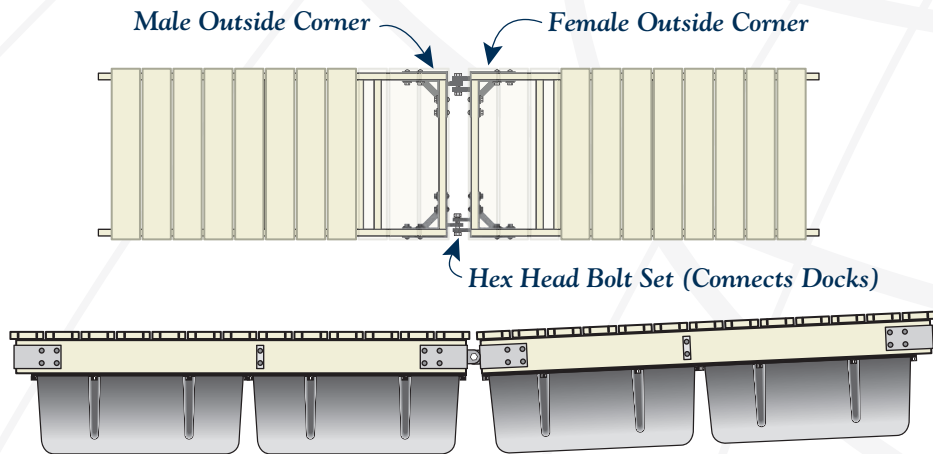




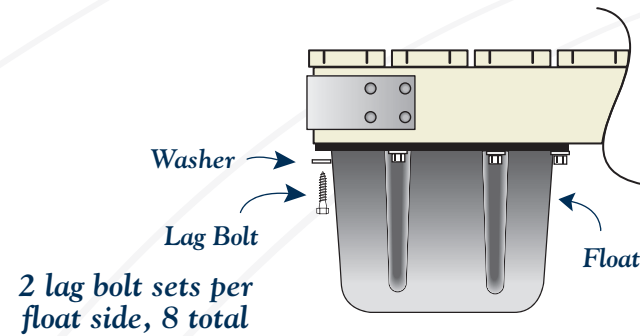
# Dock Hardware Building Basics



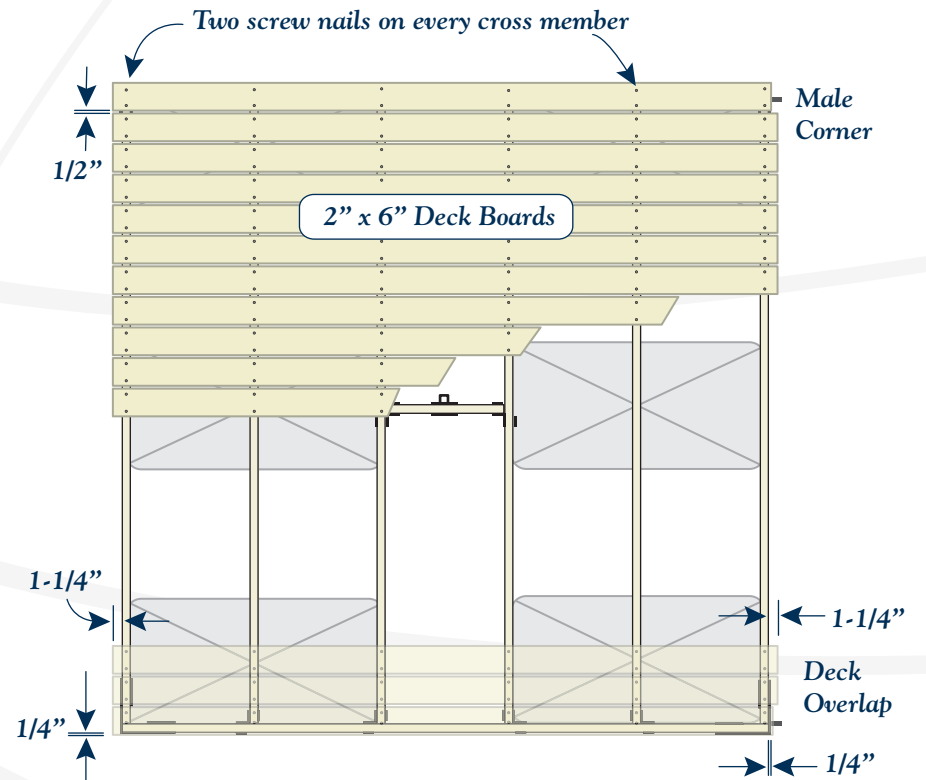
**Typical Rolling Ramp Installation**



**Typical Dock To Dock Mounting Installation**

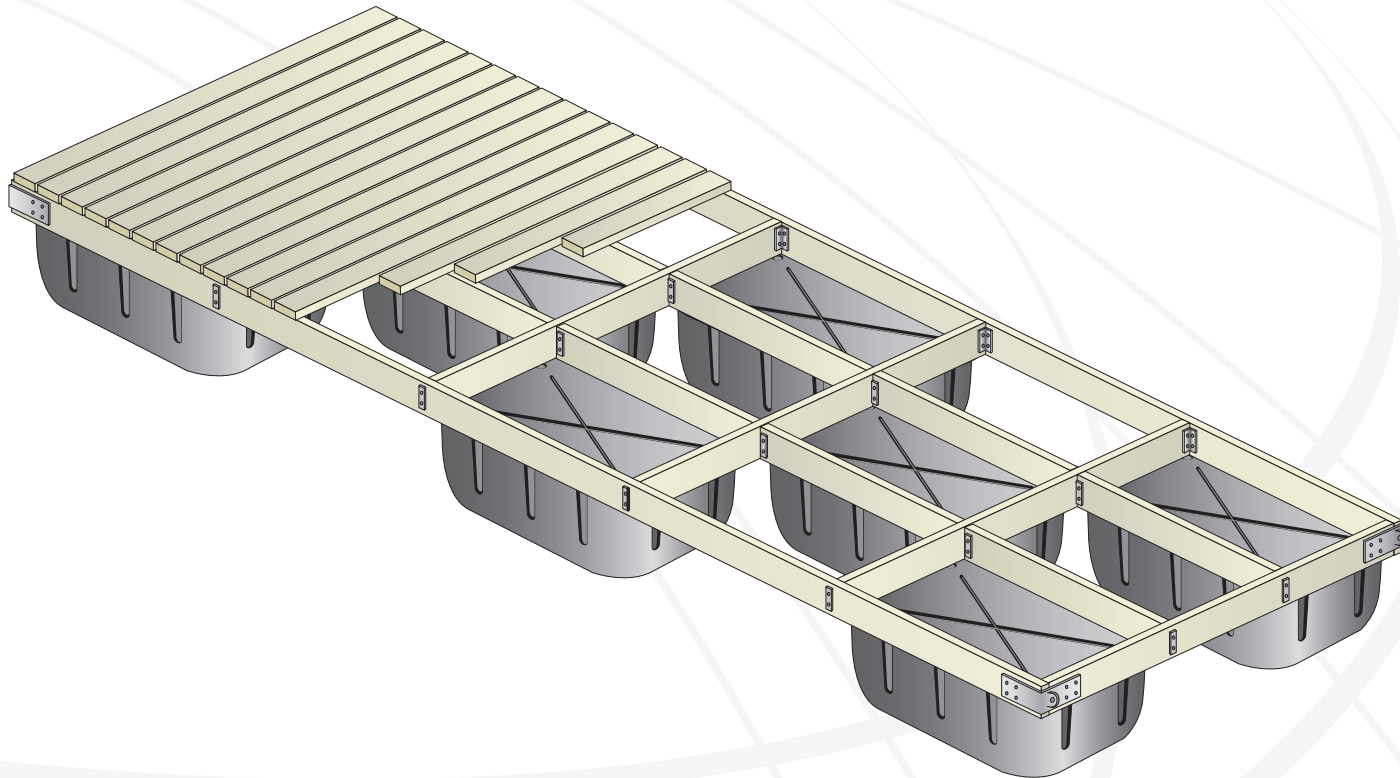


**Typical Float Mounting**



**Deck Boards Installation**

## 6' x 20' Main Dock



### Bill of Materials:

Standard	Commercial	#	Part Description	Qty.
26522	25491*	1	Outside Corner Male	2
26524	26417*	2	Inside Corner	4
26523	26402*	3	Outside Corner End	2
26527	26406*	4	Angle Bracket	28
24284	26409*	5	Washer Plate	40
26530		6	3/8"x2-1/2" Carriage Bolt Set	128
	or 26533	6	1/2"x 3" Carriage Bolt Set	128
24288	24290	7	3/8" x 2" Lag Bolt & Flat Washer	48
•	•	8	24" x 48" x 16" Float Drum	8
•	•	9	20 Penny Screw Nails	About 7 lbs.

• Obtained from Local Hardware Store Or Marine Supply

\* Most commonly used. Other parts or options available, see product descriptions, pages 3-6

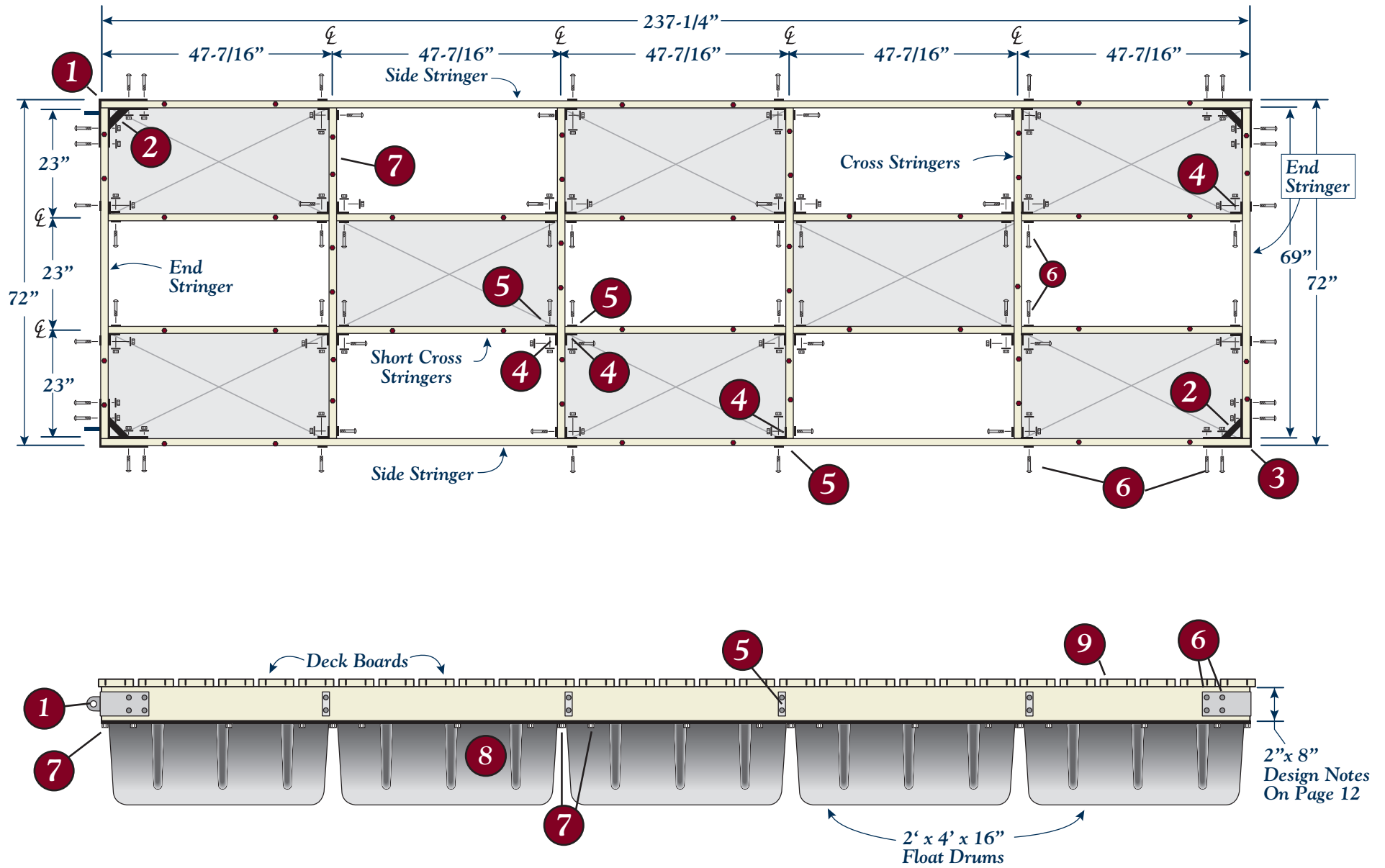
### Lumber Materials:

2" x 8" x 20'	Side Stringers (237-1/4")	2
2" x 8" x 6'	End & Cross Stringers (69")	6
2" x 8" x 4'	Short Cross Stringers (45-15/16"*)	10
2" x 6" x 8'	Deck Boards (74-1/2")	40

\* Should be individually measured.

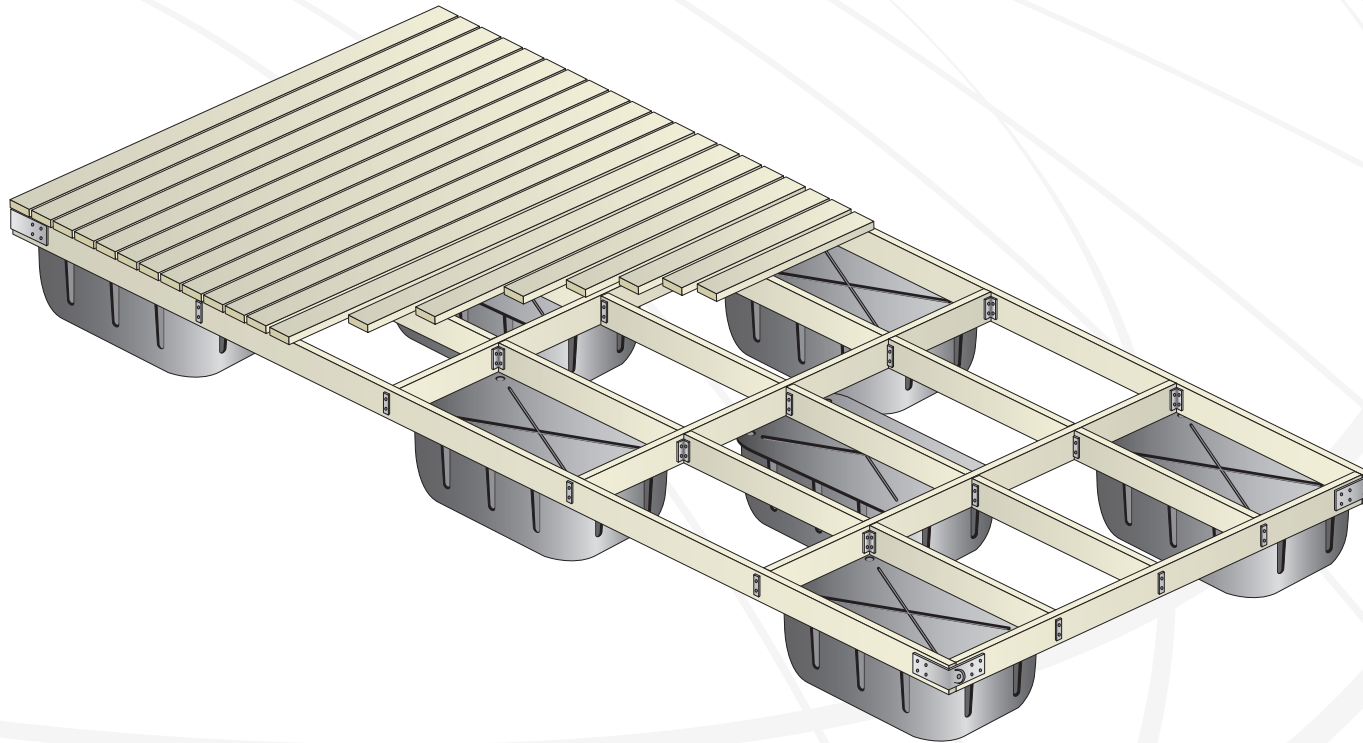
### Design Notes:

Tie Down assumes no responsibility or liability for the completeness or accuracy of these drawings. Drawings are provided as a guideline only. Dimensions are approximate. Variances do concur in lumber and component parts, so please check all measurements on dock hardware, float drums and lumber prior to drilling holes. Verify all dimensions length, width and thickness of lumber.





## 8' x 20' Main Dock



### Bill of Materials:

Standard	Commercial	#	Part Description	Qty.
26522	25491*	1	Outside Corner Male	2
26524	26417*	2	Inside Corner	4
26523	26402*	3	Outside Corner End	2
26527	26406*	4	Angle Bracket	34
24284	26409*	5	Washer Plate	52
26530		6	3/8" x 2-1/2" Carriage Bolt Set	160
	or 26533	6	1/2" x 3" Carriage Bolt Set	160
24288	24290	7	3/8" x 2" Lag Bolt & Flat Washer	48
•	•	8	20 Penny Screw Nails	About 7 lbs.
•	•	9	2' x 4' x 16" Float Drum	8

• Obtained from Local Hardware Store Or Marine Supply  
 \* Most commonly used. Other parts or options available, see product descriptions, pages 3-6

### Lumber Materials:

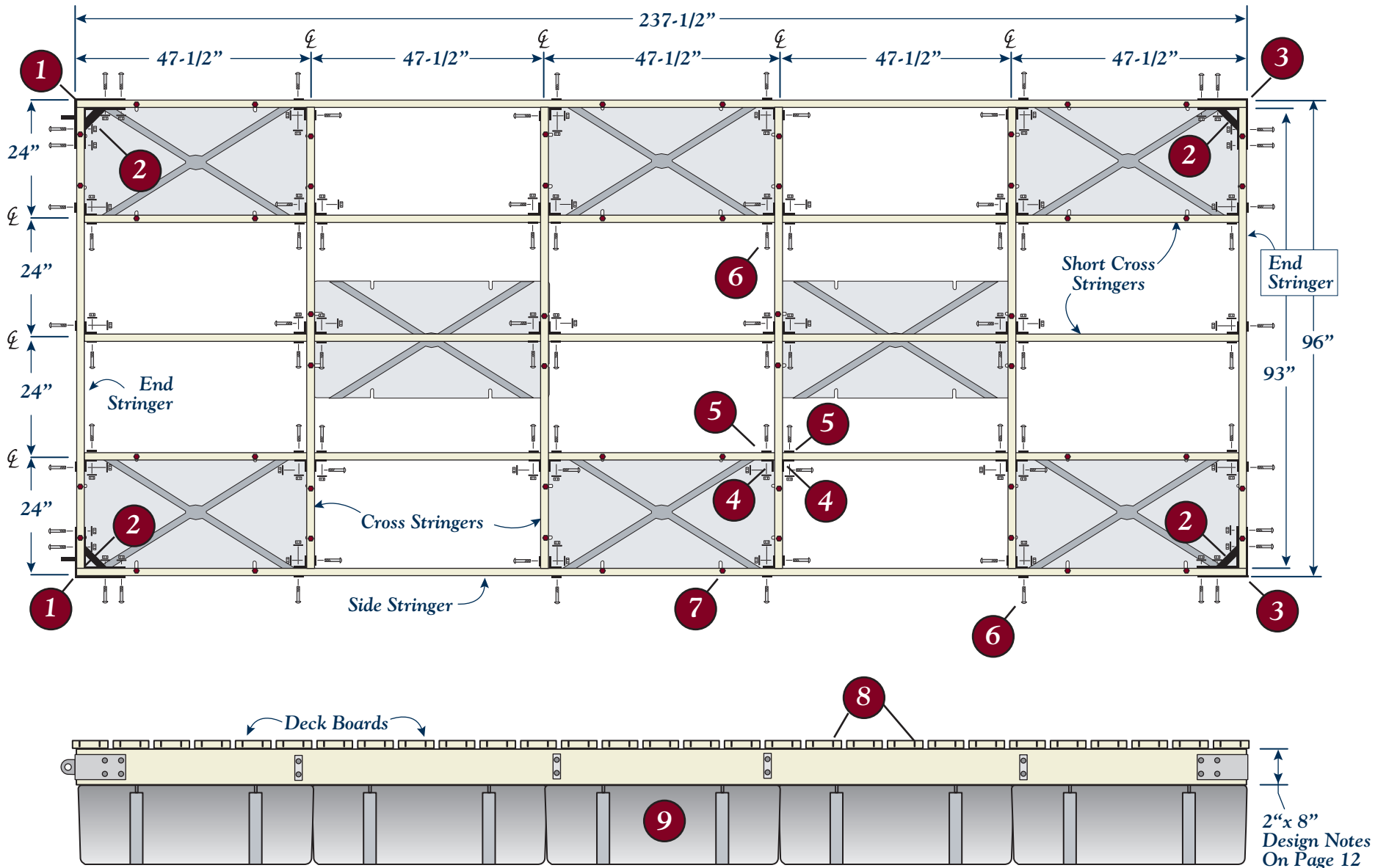
2" x 8" x 20'	Side Stringers (237-1/2")	2
2" x 8" x 10'	End & Cross Stringers (93")	6
2" x 8" x 4'	Short Cross Stringers (46"*)	15
2" x 6" x 10'	Deck Boards (98-1/2")	40

\* Should be individually measured.

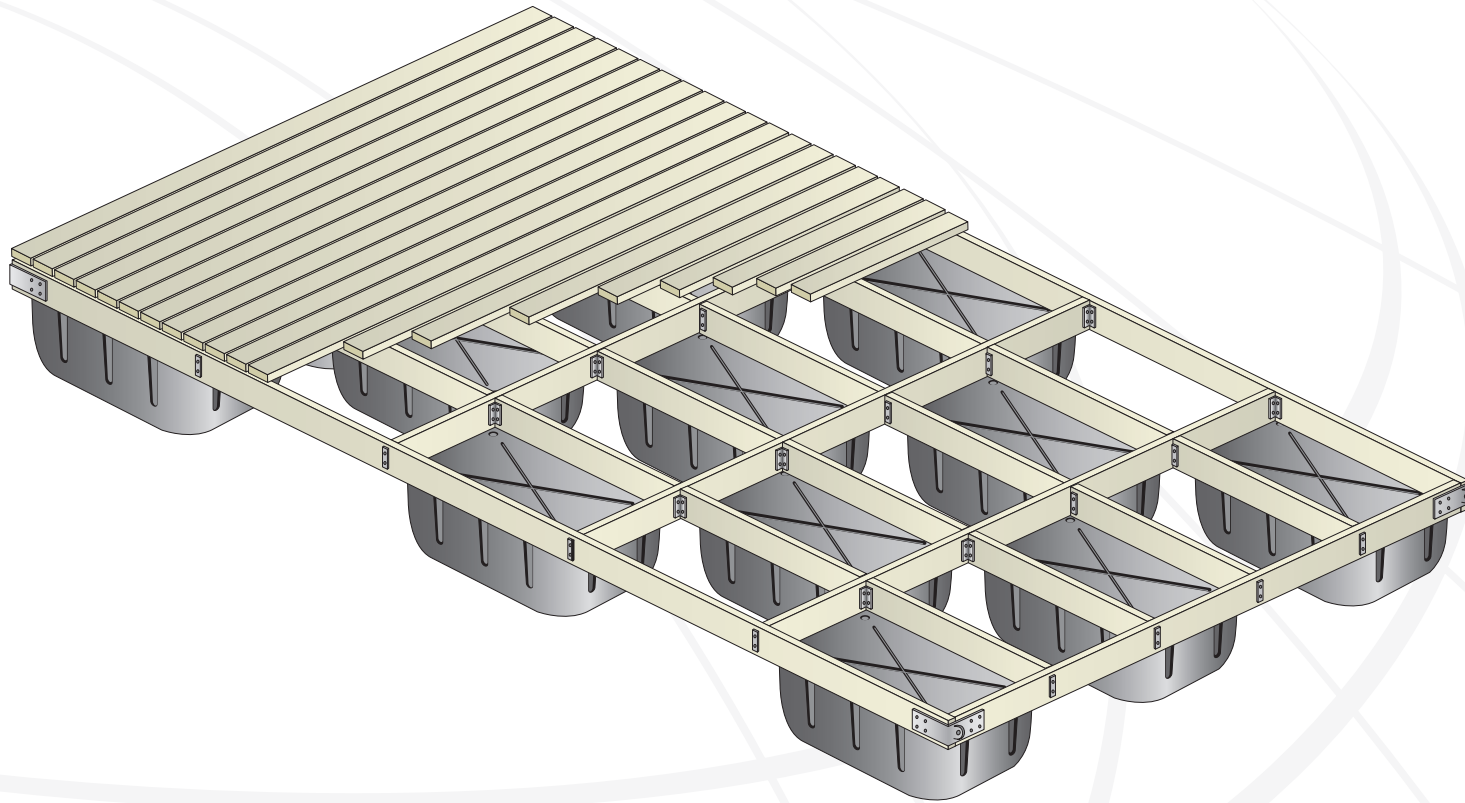
### Design Notes:

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8' x 20' Main Dock



## 10' x 20" Main Dock



### Bill of Materials:

Standard	Commercial	#	Part Description	Qty.
26522	25491*	1	Outside Corner Male	2
26524	26417*	2	Inside Corner	4
26523	26402*	3	Outside Corner End	2
26527	26406*	4	Angle Bracket	48
24284	26409*	5	Washer Plate	64
26530		6	3/8"x2-1/2" Carriage Bolt Set	192
	or 26533	6	1/2"x 3" Carriage Bolt Set	192
24288	24290	7	3/8" x 2" Lag Bolt & Flat Washer	104
•	•	8	20 Penny Screw Nails	About 9 lbs.
•	•	9	24" x 48" x 16" Float Drum	13

• Obtained from Local Hardware Store Or Marine Supply

\* Most commonly used. Other parts or options available, see product descriptions, pages 3-6

### Lumber Materials:

2" x 8" x 20'	Side Stringers (237-1/2")	2
2" x 8" x 10'	End & Cross Stringers (117")	6
2" x 8" x 4'	Short Cross Stringers (46"*)	20
2" x 6" x 12'	Deck Boards (122-1/2")	40

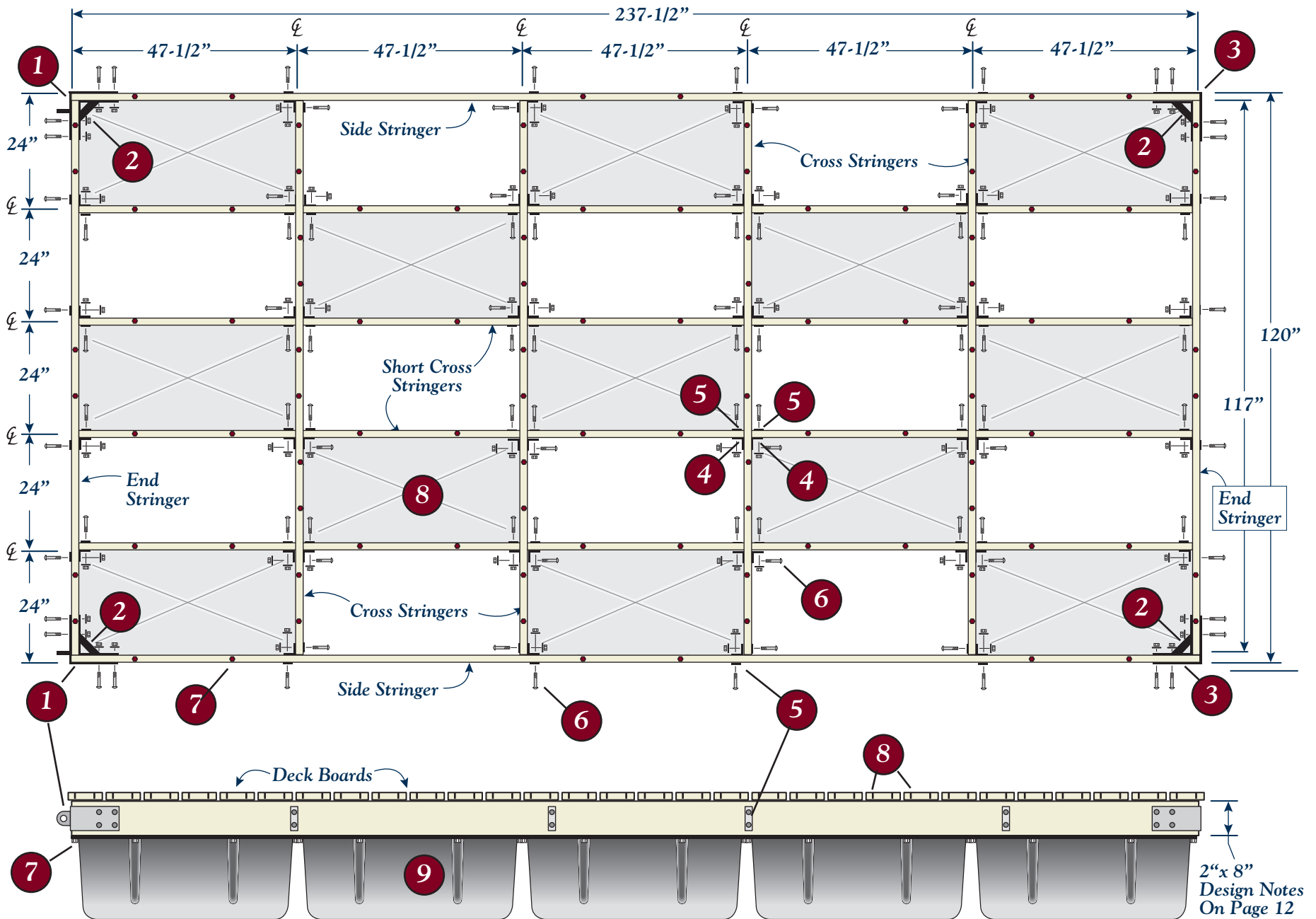
\* Should be individually measured.

### Design Notes:

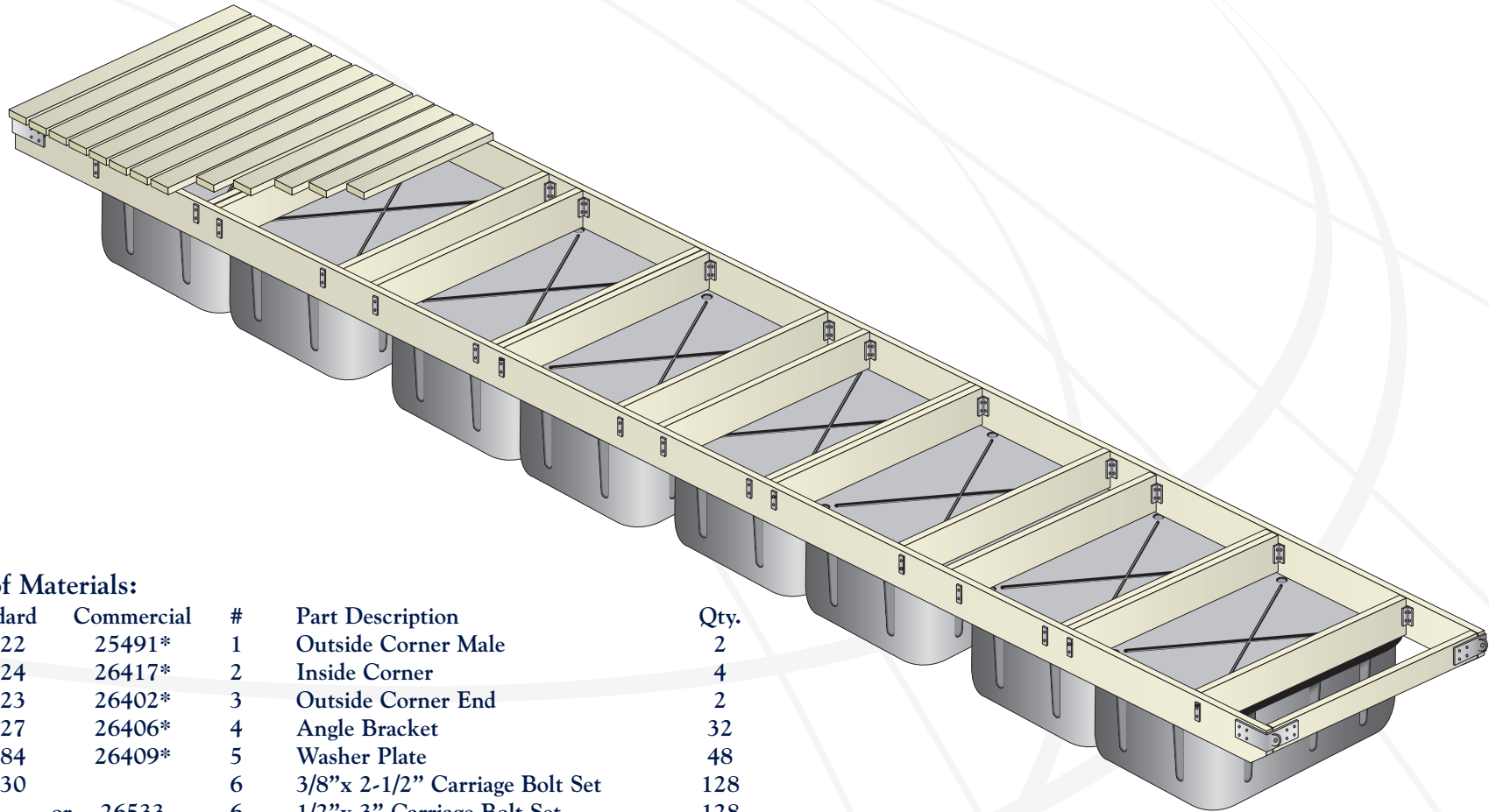
Tie Down assumes no responsibility or liability for the completeness or accuracy of these drawings. Drawings are provided as a guideline only. Dimensions are approximate. Variances do concur in lumber and component parts, so please check all measurements on dock hardware, float drums and lumber prior to drilling holes. Verify all dimensions length, width and thickness of lumber.



10' x 20" Main Dock



## 3' x 20' Finger Dock



### Bill of Materials:

Standard	Commercial	#	Part Description	Qty.
26522	25491*	1	Outside Corner Male	2
26524	26417*	2	Inside Corner	4
26523	26402*	3	Outside Corner End	2
26527	26406*	4	Angle Bracket	32
24284	26409*	5	Washer Plate	48
26530		6	3/8" x 2-1/2" Carriage Bolt Set	128
	or 26533	6	1/2" x 3" Carriage Bolt Set	128
	26536	7	1/2" x 5" Carriage Bolt Set	16
24288	24290	8	3/8" x 2" Lag Bolt & Flat Washer	64
•	•	9	20 Penny Screw Nails	About 9 lbs.
•	•	10	24" x 36" x 16" Float Drum	8

• Obtained from Local Hardware Store Or Marine Supply

\* Most commonly used. Other parts or options available, see product descriptions, pages 3-6

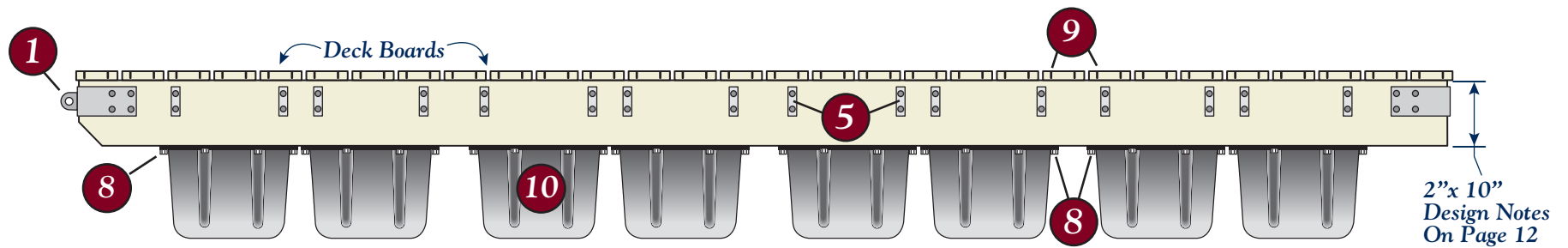
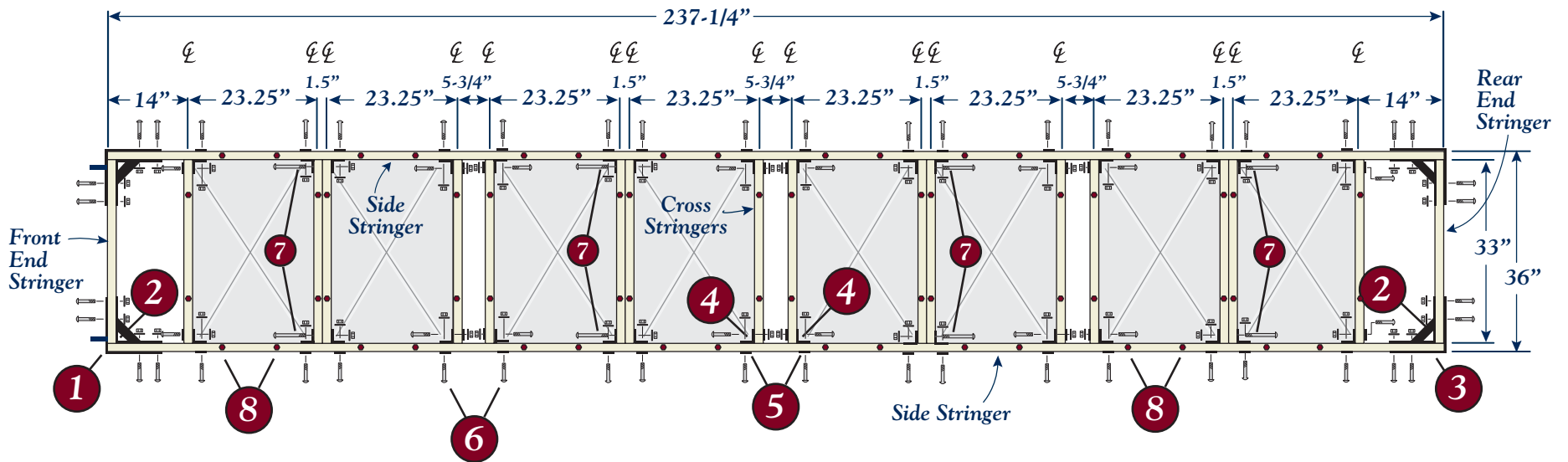
### Lumber Materials:

2" x 10" x 20'	Side Stringers (237.5")	2
2" x 10" x 3'	End & Cross Stringers (33")	18
2" x 6" x 4'	Deck Boards (38.5")	40

### Design Notes:

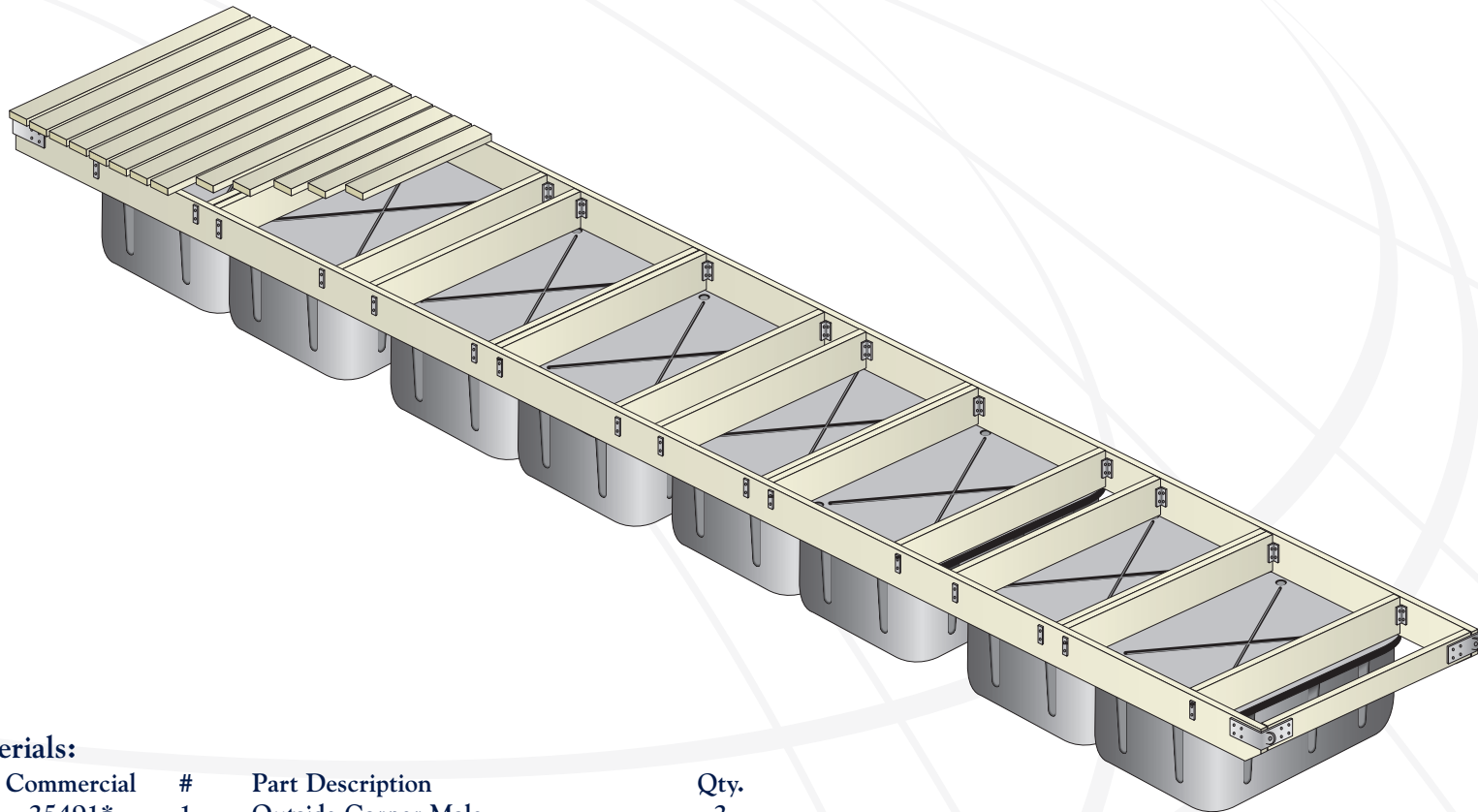
Tie Down assumes no responsibility or liability for the completeness or accuracy of these drawings. Drawings are provided as a guideline only. Dimensions are approximate. Variances do concur in lumber and component parts, so please check all measurements on dock hardware, float drums and lumber prior to drilling holes. Verify all dimensions length, width and thickness of lumber.

# 3' x 20' Finger Dock





## 4' x 20' Finger Dock



### Bill of Materials:

Standard	Commercial	#	Part Description	Qty.
26522	25491*	1	Outside Corner Male	2
26524	26417*	2	Inside Corner	4
26523	26402*	3	Outside Corner End	2
26527	26406*	4	Angle Bracket	32
24284	26409*	5	Washer Plate	48
26530		6	3/8"x2-1/2" Carriage Bolt Set	128
	or 26533	6	1/2"x 3" Carriage Bolt Set	128
	26536	7	1/2"x 5" Carriage Bolt Set	16
24288	24290	8	3/8" x 2" Lag Bolt & Flat Washer	64
•	•	9	24" x 48" x 16" Float Drum	8
•	•	10	20 Penny Screw Nails	About 5 lbs.

### Lumber Materials:

2" x 10" x 20'	Side Stringers (237-1/4")	2
2" x 6" x 4'	End Stringer (Front - 45")	1
2" x 10" x 4'	End & Cross Stringers (45")	17
2" x 6" x 10'	Deck Boards (40 @ 50-1/4")	20

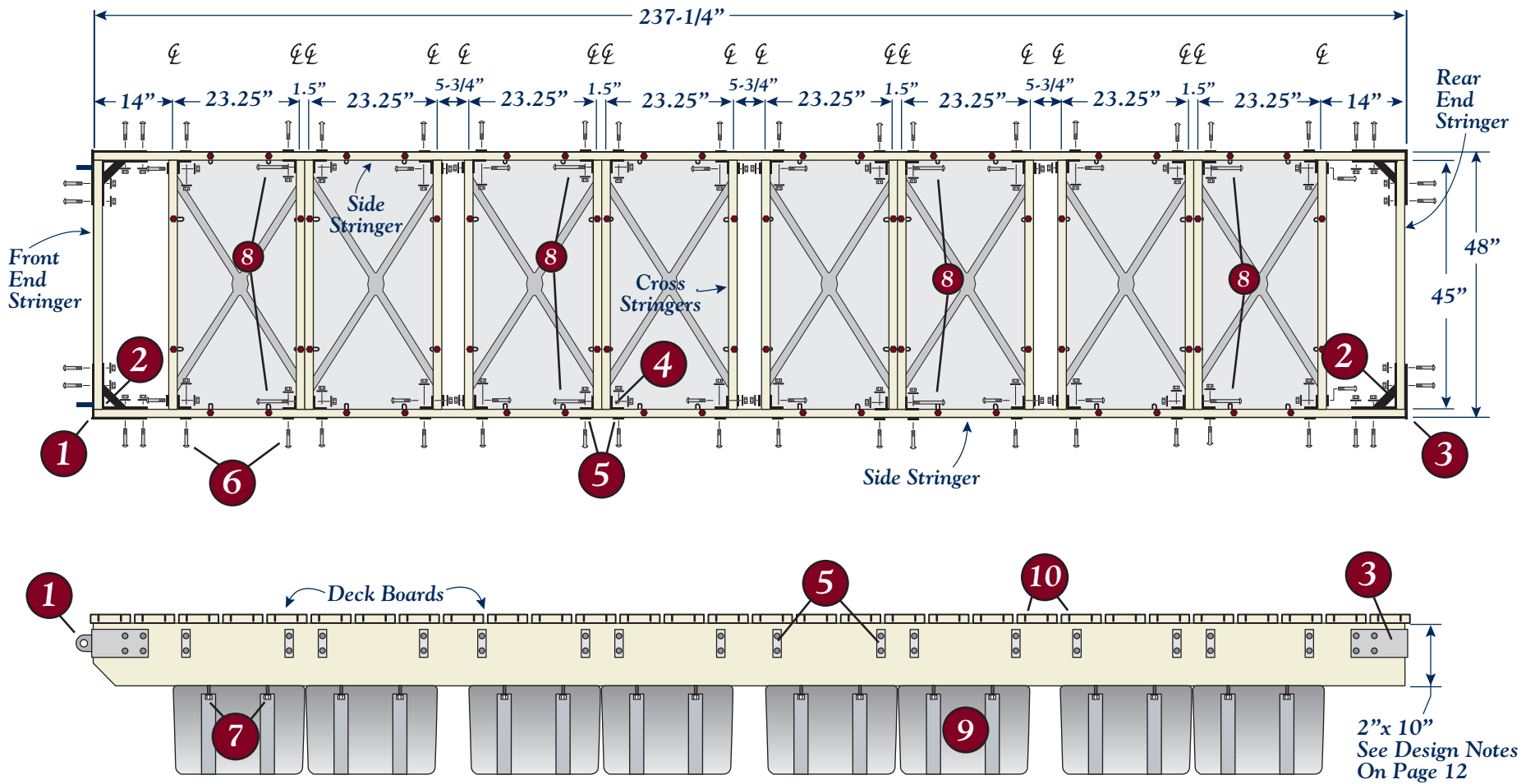
### Design Notes:

Tie Down assumes no responsibility or liability for the completeness or accuracy of these drawings. Drawings are provided as a guideline only. Dimensions are approximate. Variances do concur in lumber and component parts, so please check all measurements on dock hardware, float drums and lumber prior to drilling holes. Verify all dimensions length, width and thickness of lumber.

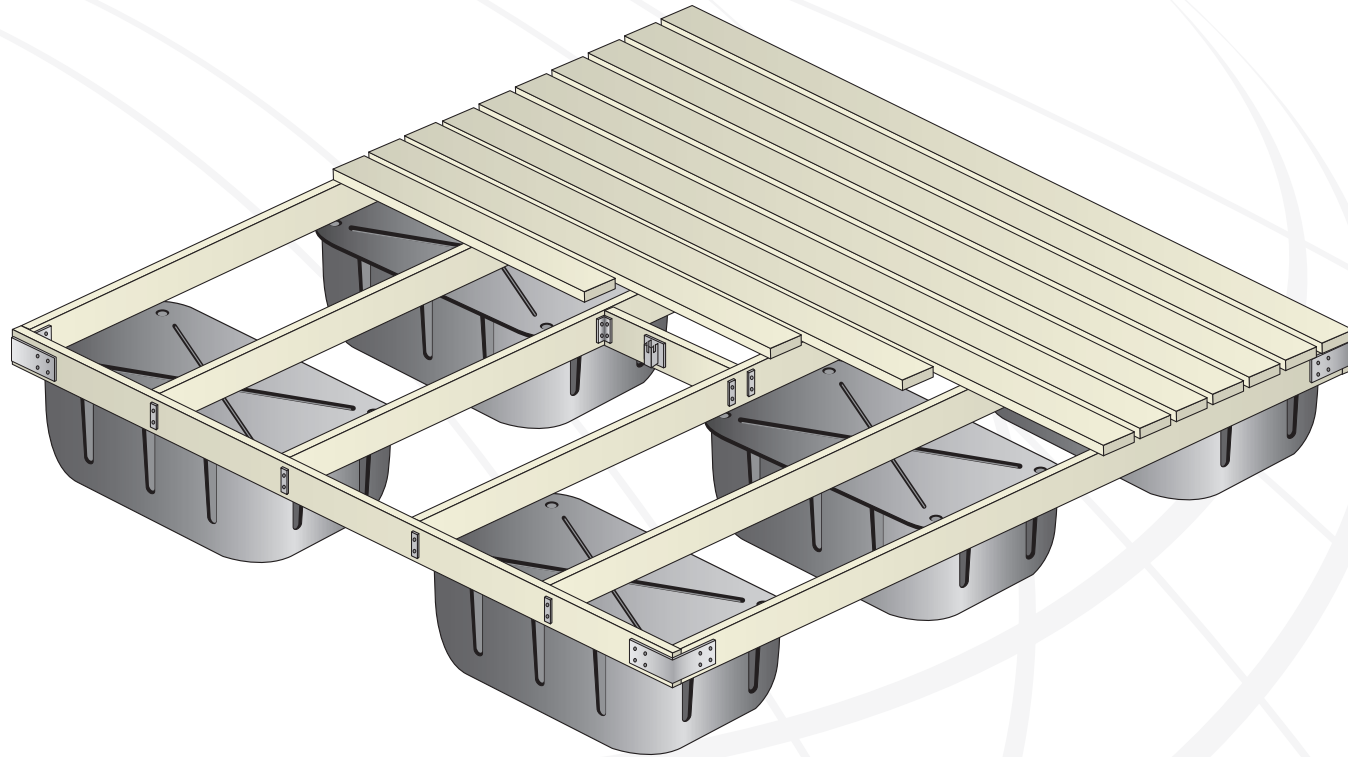
• Obtained from Local Hardware Store Or Marine Supply

\* Most commonly used. Other parts or options available, see product descriptions, pages 3-6

# 4' x 20' Finger Dock



## 10' x 10' Swim Dock



### Bill of Materials:

Standard	Commercial	#	Part Description	Qty.
26523	26402*	1	Outside Corner End	4
	26413*	2	Backup Plate (1 if used with inside corner)	9
	or			
26524	26417*	2	Inside Corner	4
24284	26409*	3	Washer Plate	20
26527	26406*	4	Angle Bracket	10
26529	26410	5	Chain Retainer	1
26530		6	3/8"x2-1/2" Carriage Bolt Set	76
	or 26533	6	1/2"x 3" Carriage Bolt Set	76
24288	24290	7	3/8" x 2" Lag Bolt & Flat Washer	36
•	•	8	24" x 48" x 16" Float Drum	6
•	•	9	20 Penny Screw Nails	About 6 lbs.

• Obtained from Local Hardware Store Or Marine Supply

\* Most commonly used. Other parts or options available, see product descriptions, pages 3-6

### Lumber Materials:

2" x 8" x 10'	Side Stringers (120")	2
2" x 8" x 10'	End & Cross Stringers (117")	6
2" x 8" x 3'	Short Cross Stringer (22-1/2"*)	1
2" x 6" x 10'	Deck Boards (122-1/2")	21

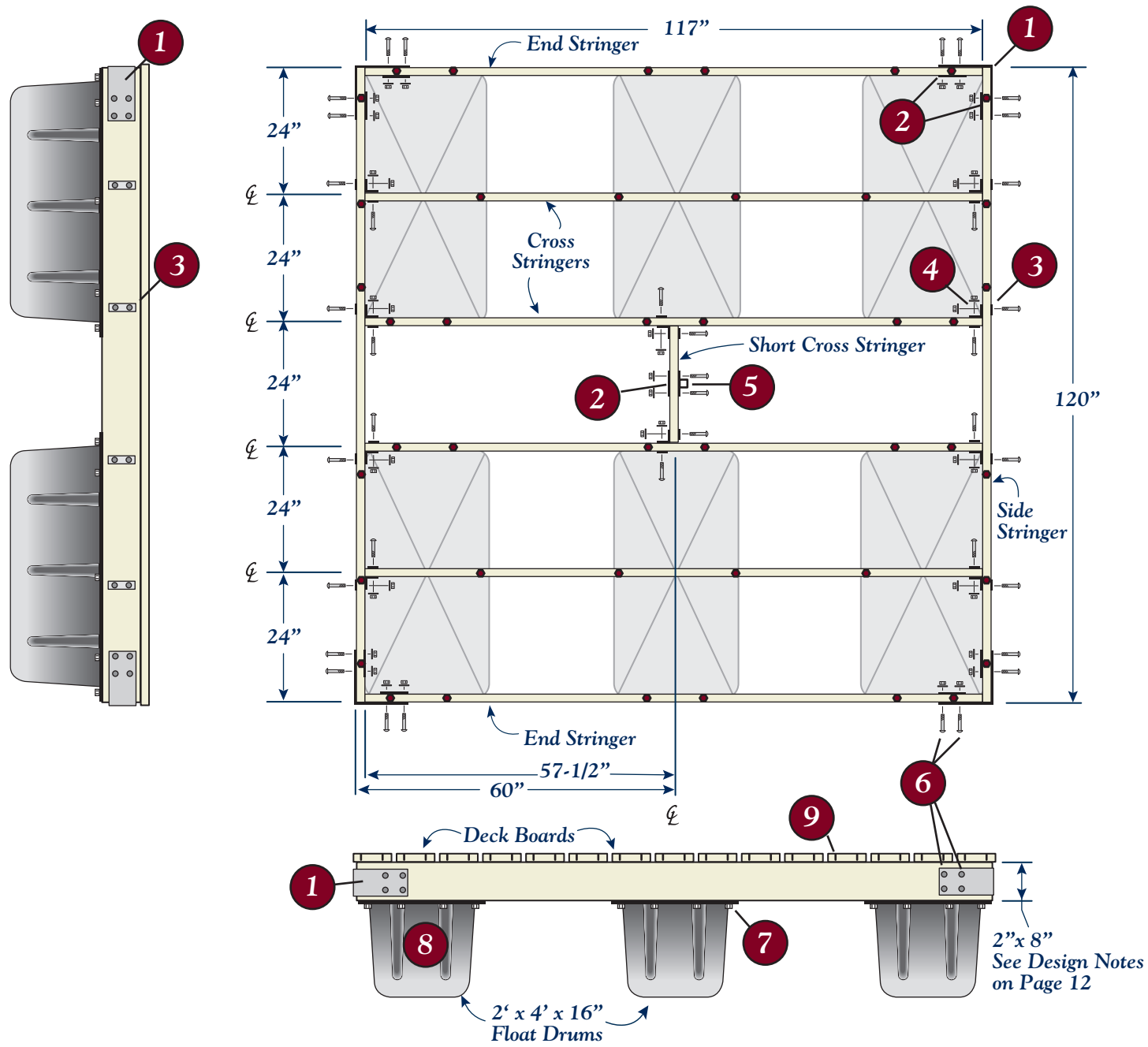
\* Should be individually measured.

### Design Notes:

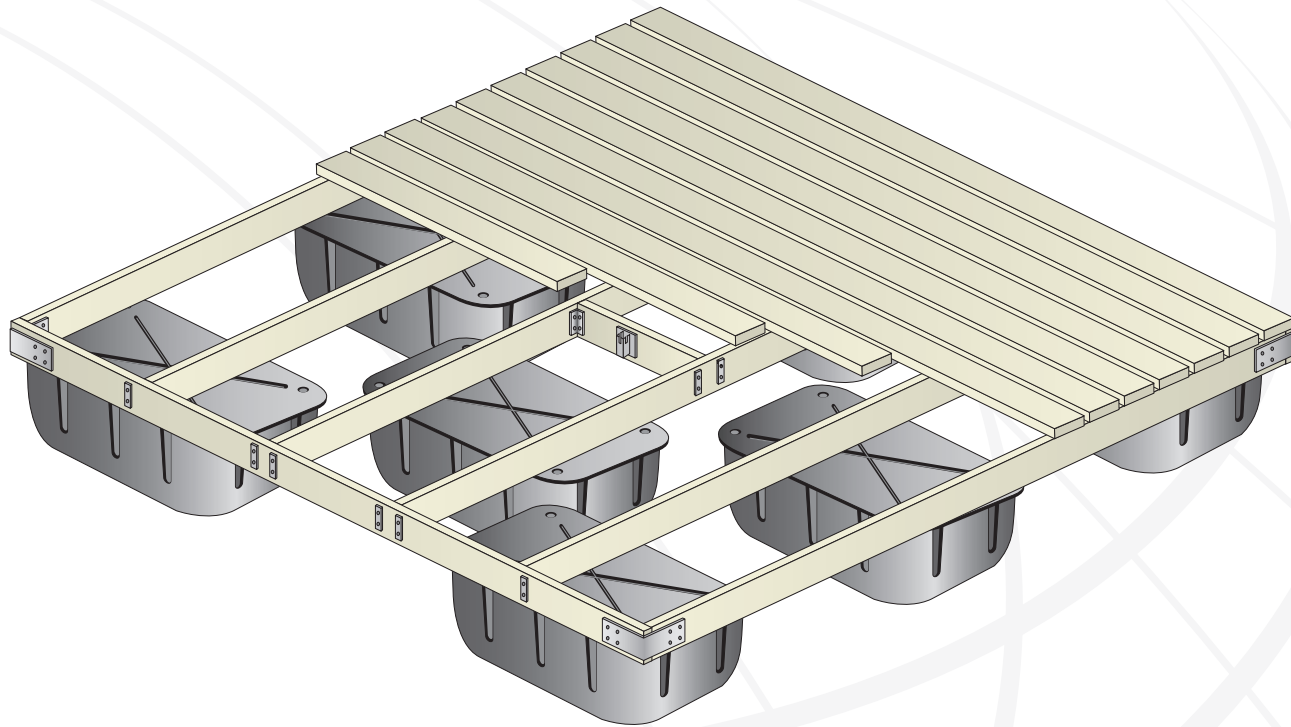
Tie Down assumes no responsibility or liability for the completeness or accuracy of these drawings. Drawings are provided as a guideline only. Dimensions are approximate. Variances do concur in lumber and component parts, so please check all measurements on dock hardware, float drums and lumber prior to drilling holes. Verify all dimensions length, width and thickness of lumber.



# 10' x 10' Swim Dock



## 12' x 12' Swim Dock



### Bill of Materials:

Standard	Commercial	#	Part Description	Qty.
26523	26402*	1	Outside Corner End	4
26524	26417*	2	Inside Corner	4
	26413*	3	Backup Plate	1
24284	26409*	4	Washer Plate	20
26527	26406*	5	Angle Bracket	16
26529	26410*	6	Chain Retainer	1
26530		7	3/8"x2-1/2" Carriage Bolt Set	84
	or 26533	7	1/2"x 3" Carriage Bolt Set	84
24288	24290	8	3/8" x 2" Lag Bolt & Flat Washer	28
•	•	9	24" x 48" x 16" Float Drum	8
•	•	10	20 Penny Screw Nails	About 7 lbs.

• Obtained from Local Hardware Store Or Marine Supply

\* Most commonly used. Other parts or options available, see product descriptions, pages 3-6

### Lumber Materials:

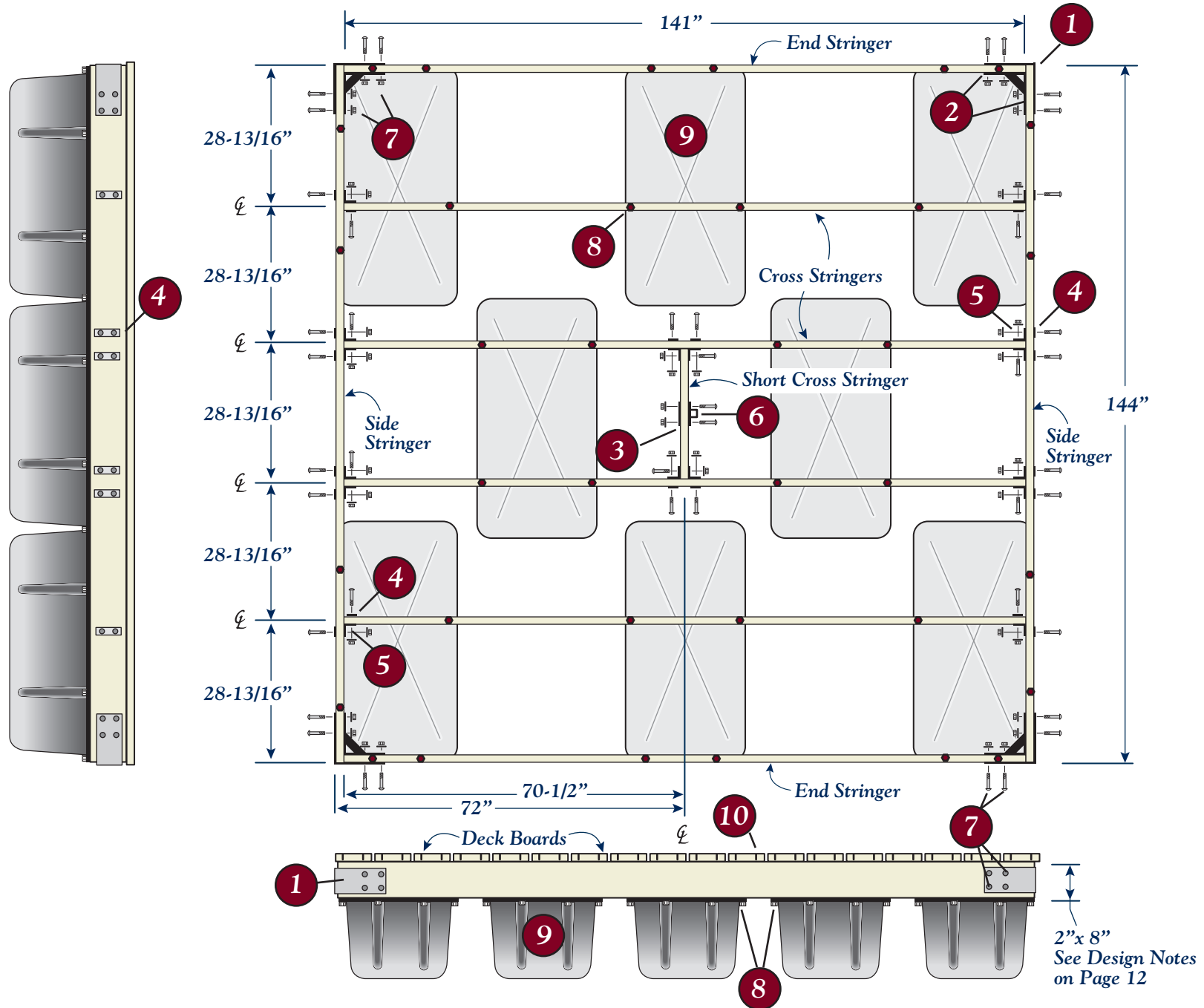
2" x 8" x 12'	Side Stringers (144")	2
2" x 8" x 12'	End & Cross Stringers (141")	6
2" x 8" x 3'	Short Cross Stringer (27-5/16"*)	1
2" x 6" x 14'	Deck Boards (146-1/2")	25

\* Should be individually measured.

### Design Notes:

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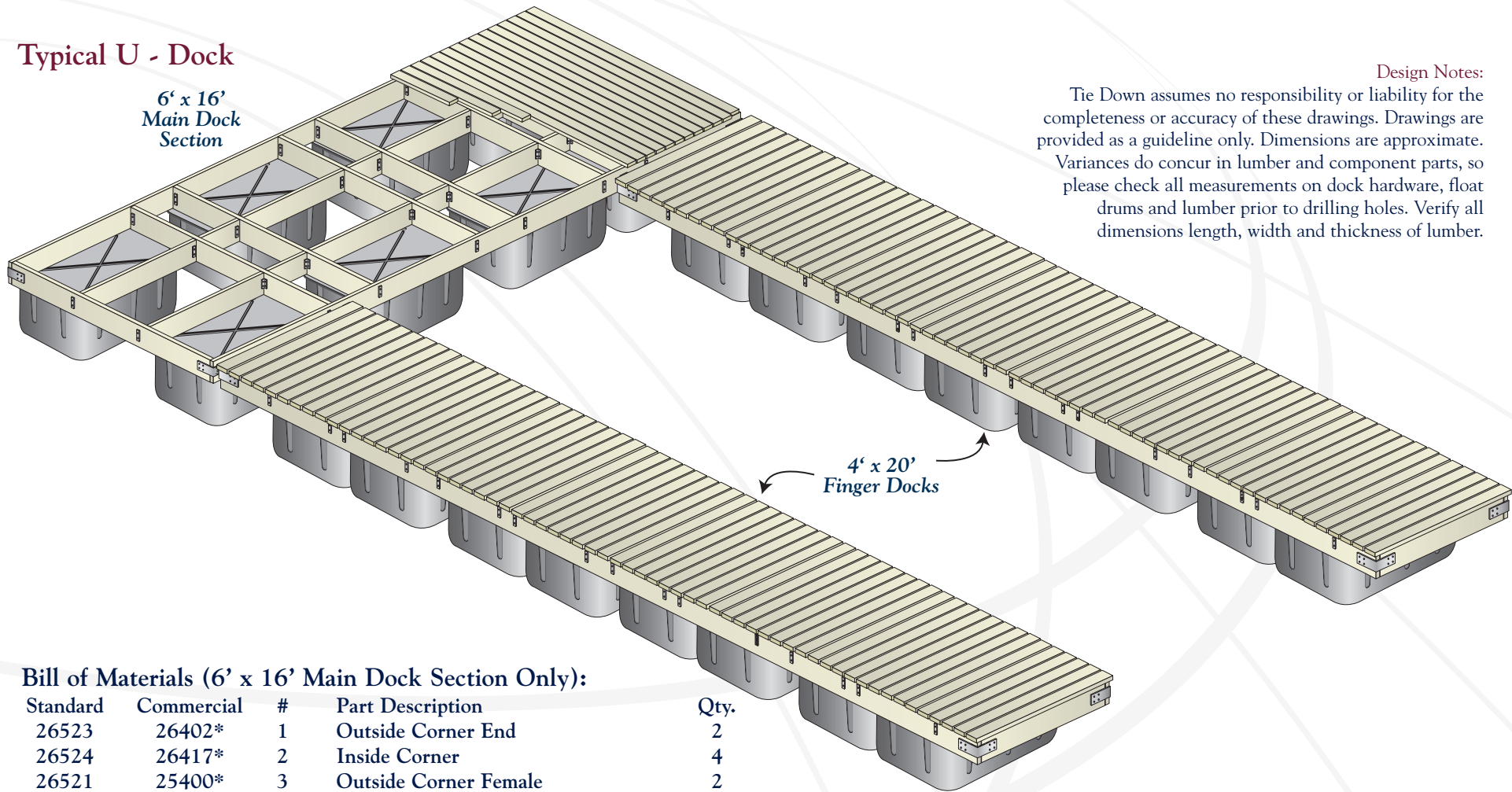
12' x 12' Swim Dock





## Typical U - Dock

6' x 16'  
Main Dock  
Section



### Design Notes:

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### Bill of Materials (6' x 16' Main Dock Section Only):

Standard	Commercial	#	Part Description	Qty.
26523	26402*	1	Outside Corner End	2
26524	26417*	2	Inside Corner	4
26521	25400*	3	Outside Corner Female	2
26528	56407*	4	Female T Connector	2
•	26413*	5	Back Up Plate	2
24284	26409*	6	Washer Plate	54
26527	26406*	7	Angle Bracket	40
26530		8	3/8"x2-1/2" Carriage Bolt Set	176
	or 26533	8	1/2"x 3" Carriage Bolt Set	176
24288	24290	9	3/8" x 2" Lag Bolt & Flat Washer	64
24279	•	10	Hex Head Bolt Set	2
•	•	11	24" x 36" x 16" Float Drum	8
•	•	12	20 Penny Screw Nails	About 7 lbs.

### Lumber Materials (6' x 16' Main Dock Section Only):

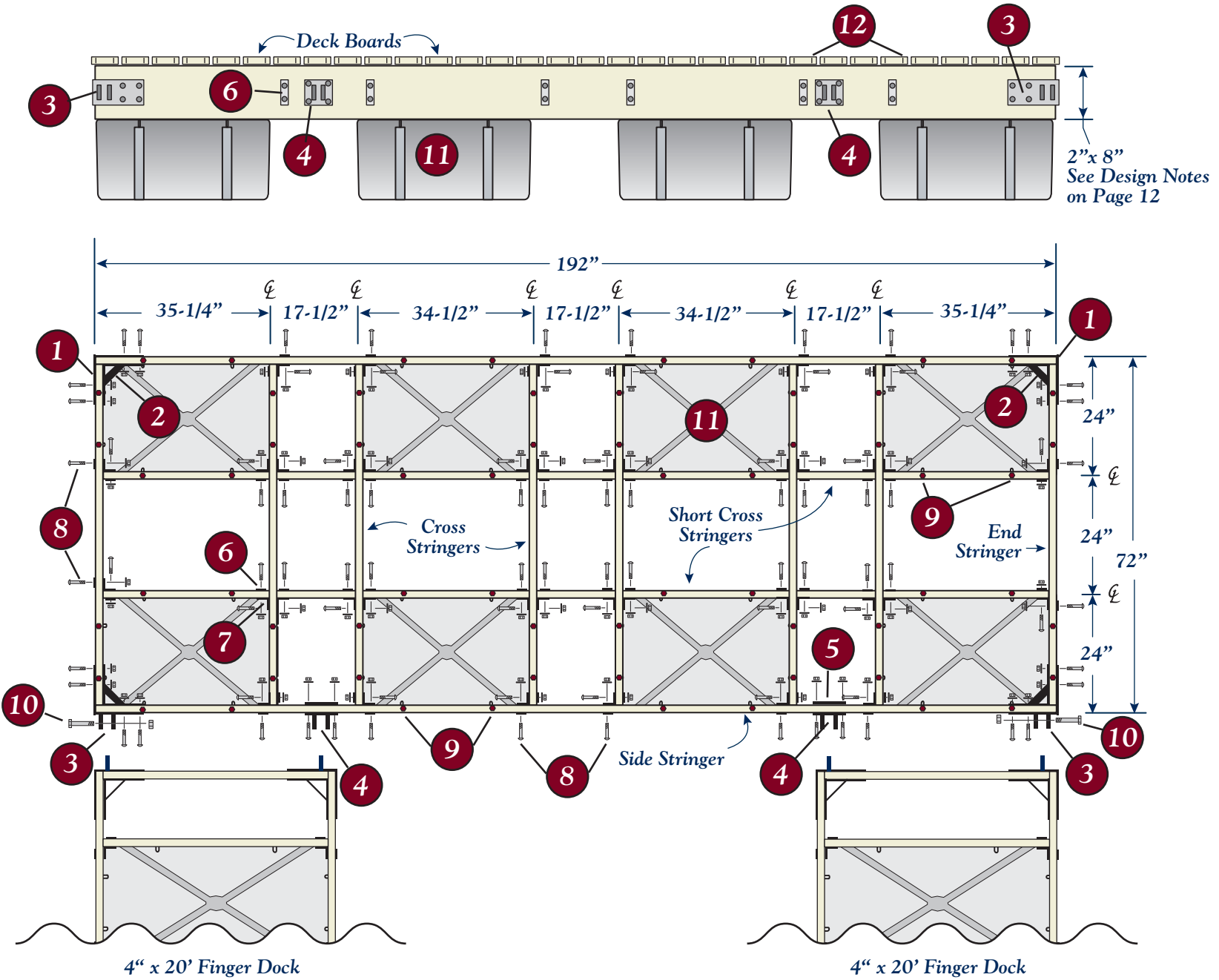
2" x 10" x 16'	Side Stringers (192")	2
2" x 10" x 6'	End & Cross Stringers (69")	8
2" x 10" x 6'	Short Cross Stringers: (8 @ 34-1/2"*) & (6 @ 17-1/2"*)	6
2" x 6" x 8'	Deck Boards (74-1/2")	33

\* Should be individually measured.

• Obtained from Local Hardware Store Or Marine Supply

\* Most commonly used. Other parts or options available, see product descriptions, pages 3-6

# Typical U - Dock



Marine Anchors by Tie Down Engineering:

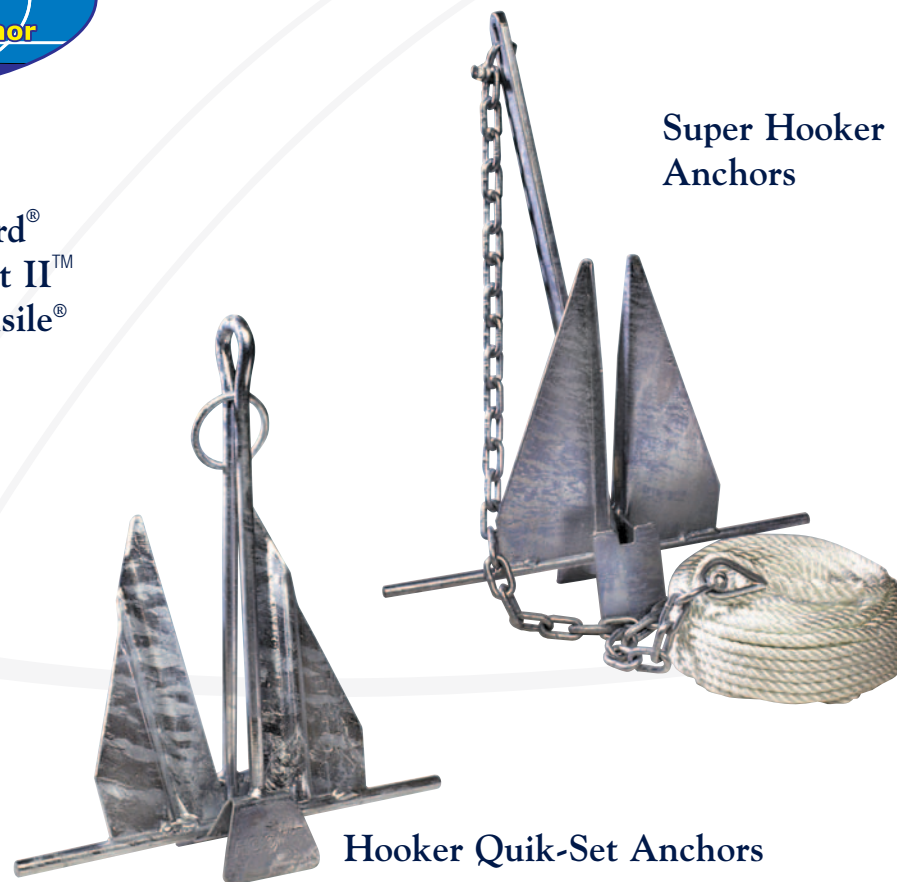


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