

# Unsupported Catwalk Assembly

## Parts List

Part	Letter	Part #		Description	Length		Quantity	
		5'	10'		5'	10'	5'	10'
		↓Catwak24↓						
Main Channels	A	.501	.001	C-Channel	60"	120"	2	2
Intermediate Supports	B	.102	.102	C-Channel	24"	24"	3	5
Joiner Channels	C	.003	.003	C-Channel	24"	24"	2	2
Floor	D	.500	.000	Flat Sheet	60"	120"	1	1
End Toe Board	E	.012	.012	Angle	24"	24"	1	1
Uprights	F	.010	.010	Formed Channel	46 7/8"	46 7/8"	4	6
Handrails (Long)	G	.509	.209	Angle	60"	120"	4	4
Handrail Brackets	H	.014	.014	NA	NA	NA	4	4
Handrails (Short)	I	.013	.013	Angle	24"	24"	2	2
1/2" x 1" bolts	<b>All bolts used are to be Grade 8 strength Only. Torque to 120 ft. lbs minimum</b>						8	8
5/16" x 3/4" bolts							40	60
5/16" x 3/4" button head bolts							38	54
1/2" x 1" nuts							8	8
5/16" nuts							78	114

**Note:** End Handrails, Toe Boards & Handrail Brackets are included in Starters Kit only

The following outlines the assembly of a 10' section of Unsupported Catwalk with a starters kit attached. This can be used as an outline for a 5' section as well.

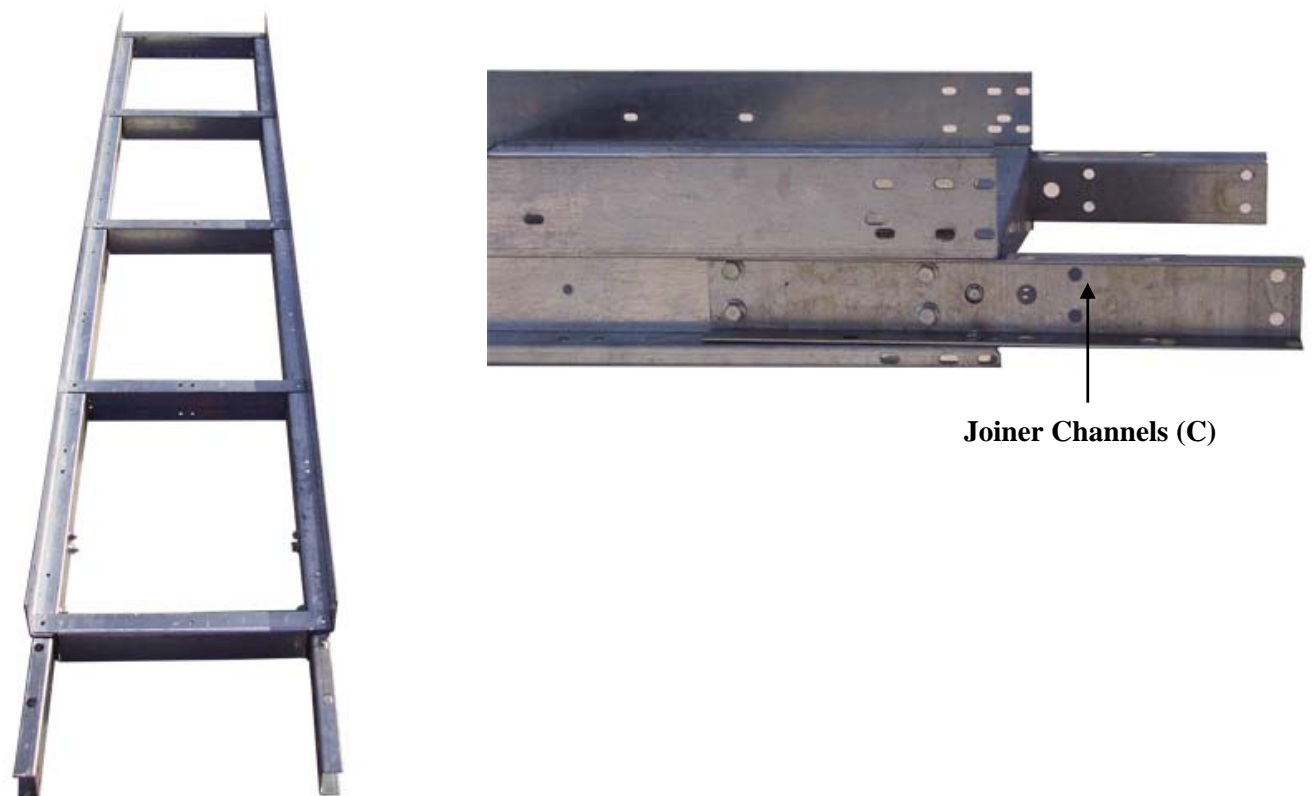
### **Step #1**

Locate the (2) Main Side Channels (A) and proceed to bolt the Intermediate Support Channels (B) to the main channels on the sides and bottom only (floor bolts insert through top). Note: Exclude the support at the joint end this will be added in the next step.



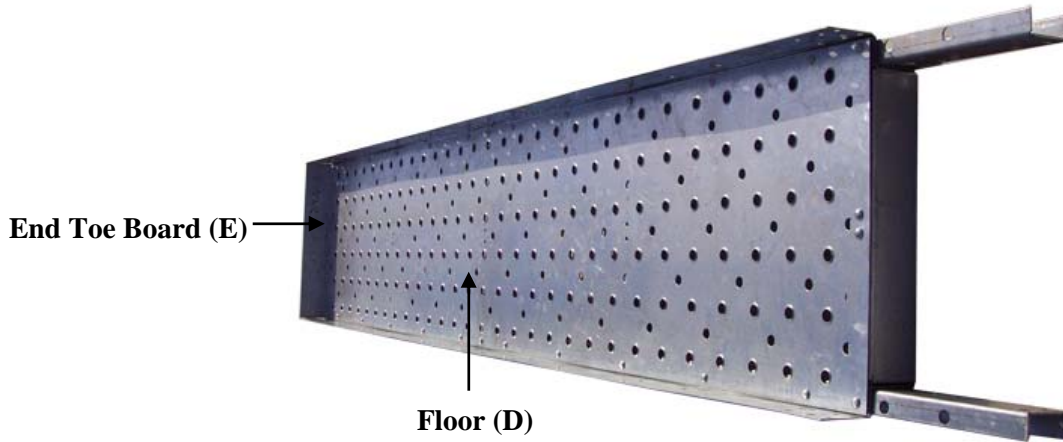
### **Step #2**

Now bolt the (2) Joiner Channels (C) to the end that will be joined to the next section, using (8) ½" x 1" bolts. The intermediate support channel for the joint end can now be installed.

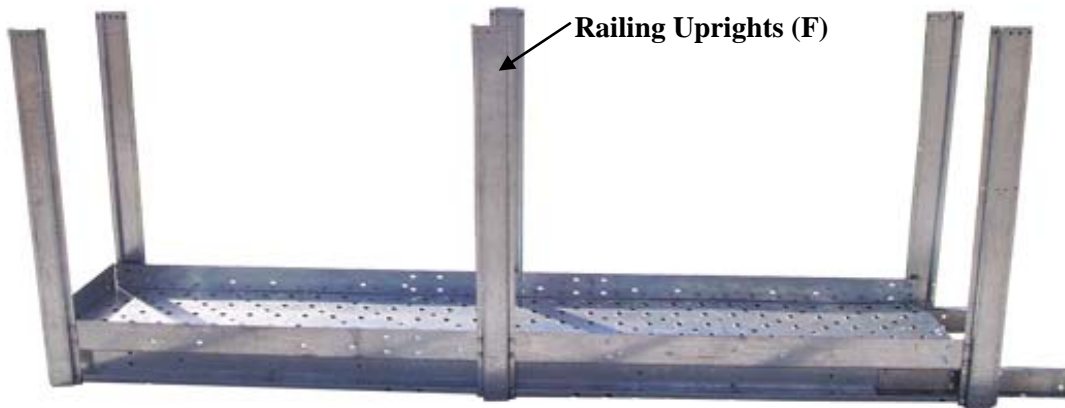


**Step #3**

The Floor (D) can now be bolted into place using 5/16" x 3/4" button head bolts. The End Toe Board (E) can also be installed underneath the flooring at the end of the catwalk.

**Step #4**

Now locate the Railing Uprights (F) they are mounted every 5' using 5/16" x 3/4" bolts. The end posts can be mounted flush with either end of the catwalk while joint posts get mounted to both sections of the catwalk.



**Step #5**

Now locate the Side Handrails (G) and mount with  $5/16" \times 3/4"$  button head bolts. The End Rails (H) require (4) Handrail Brackets (I) fastened to the Railing Uprights with  $5/16" \times 3/4"$  bolts as shown prior to being installed with  $5/16" \times 3/4"$  button head bolts. The catwalk is now finished and should resemble the diagrams.



Although our picture shows an open end this should never occur, all toe boards and handrails should be mounted securely at each end of the catwalk. It is the owner's responsibility to ensure all unauthorized persons, and children are unable to access these assemblies. Failure to follow these precautions could result in serious injury or death.