

Unsupported Catwalk Assembly

Parts List

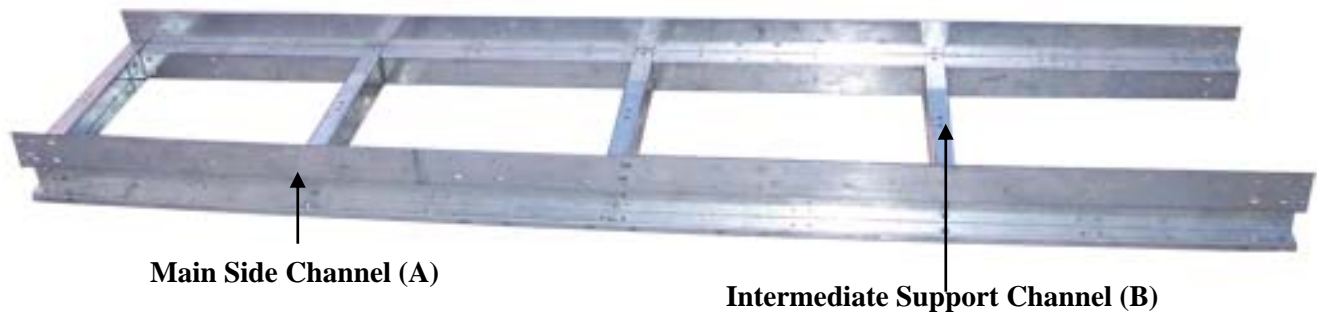
| Part | Letter | Part # | | Description | Length | | Quantity | |
|--------------------------------|--|------------|------|----------------|---------|---------|----------|-----|
| | | 5' | 10' | | 5' | 10' | 5' | 10' |
| | | ↓Catwak24↓ | | | | | | |
| Main Channels | A | .501 | .001 | C-Channel | 60" | 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 | All bolts used are to be Grade 8 strength Only. Torque to 120 ft. lbs minimum | | | | | | 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.

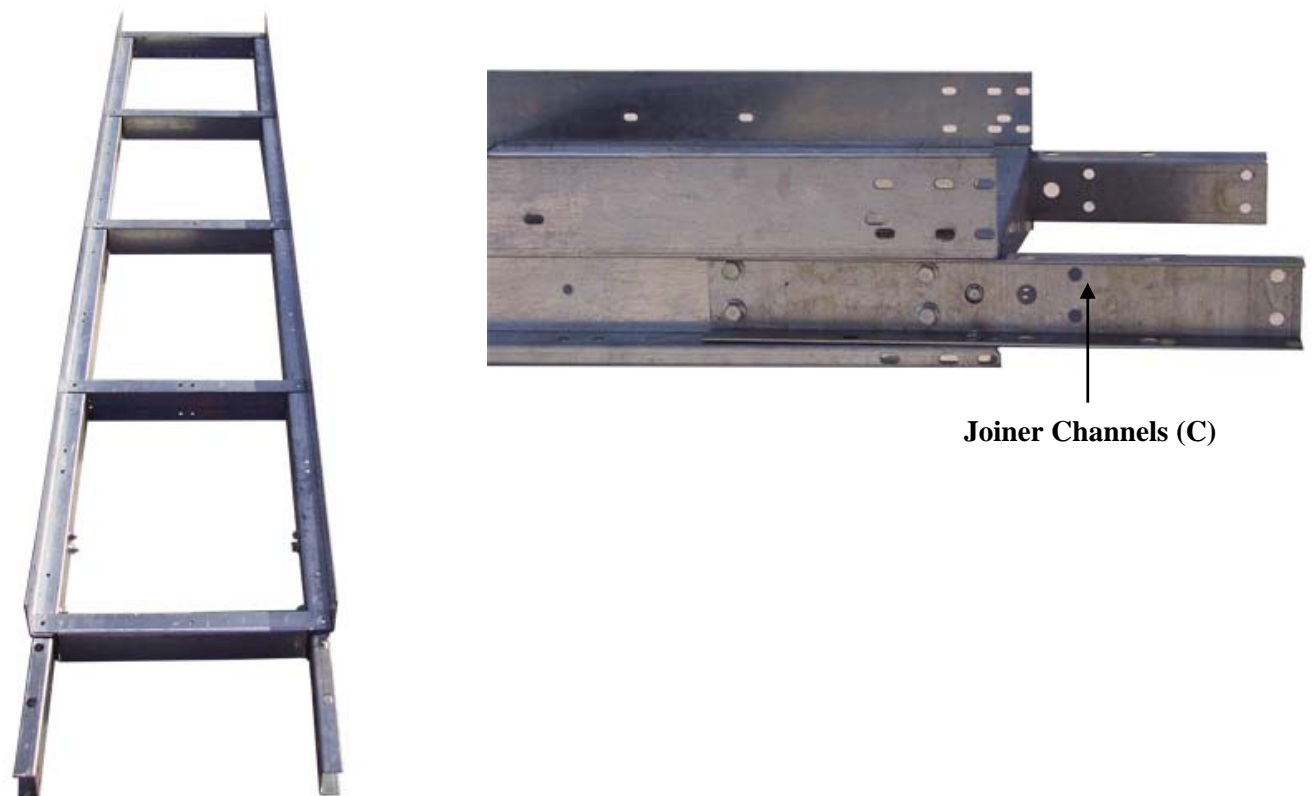
Step #1

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.



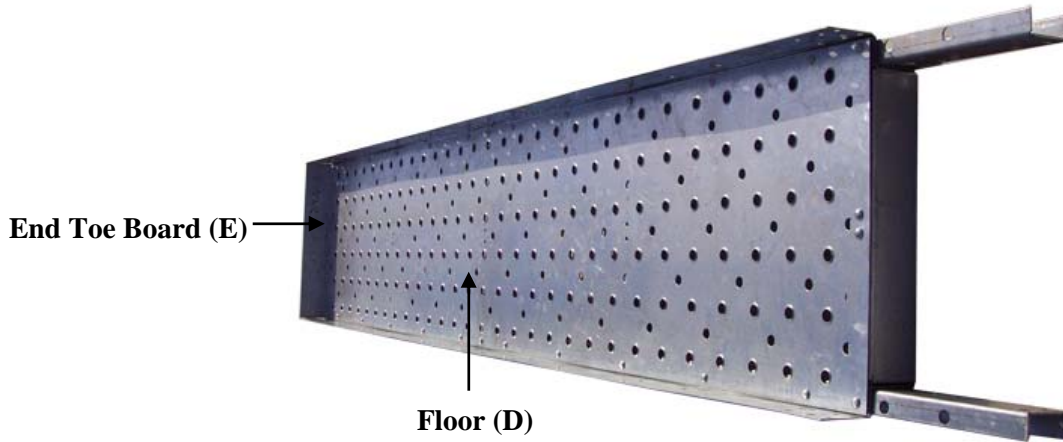
Step #2

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.

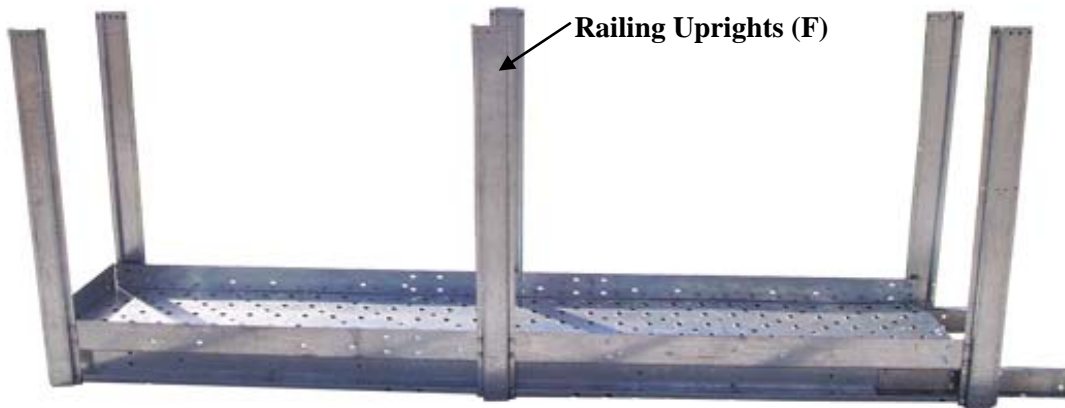


Step #3

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.