STRONG MAN SAFETY PRODUCTS

SAFETY. SERVICE.
JOBSITE SOLUTIONS.

FALL PROTECTION NETTING

SYSTEM OVERVIEW

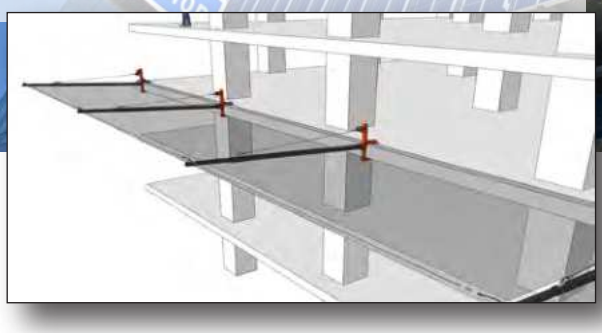
strongman.com

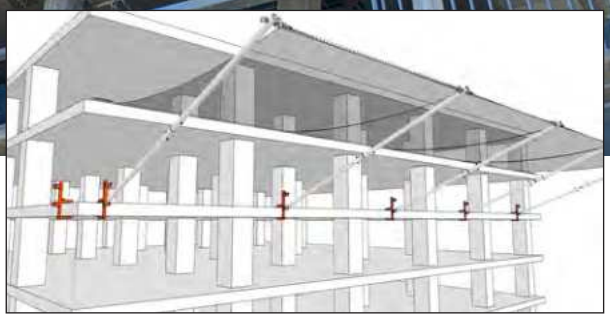
sales@strongman.com

PERIMETER FALL PROTECTION
NETTING SYSTEMS

Personnel and Debris Netting Solutions Available

- Protect your workers and keep the public safe
- Protect adjacent properties from falling debris
- OSHA Compliant (PSN)
- ANSI A10.11-2016 for PSN
- ANSI A10.37-2016 for Debris
- Easy to install
- Rental and Purchase options
- Installation services available
- Made in USA





We also offer Vertical Netting, Pour-and-Place Netting, Temporary Handrail/Guardrail Solutions and Roof Anchors.

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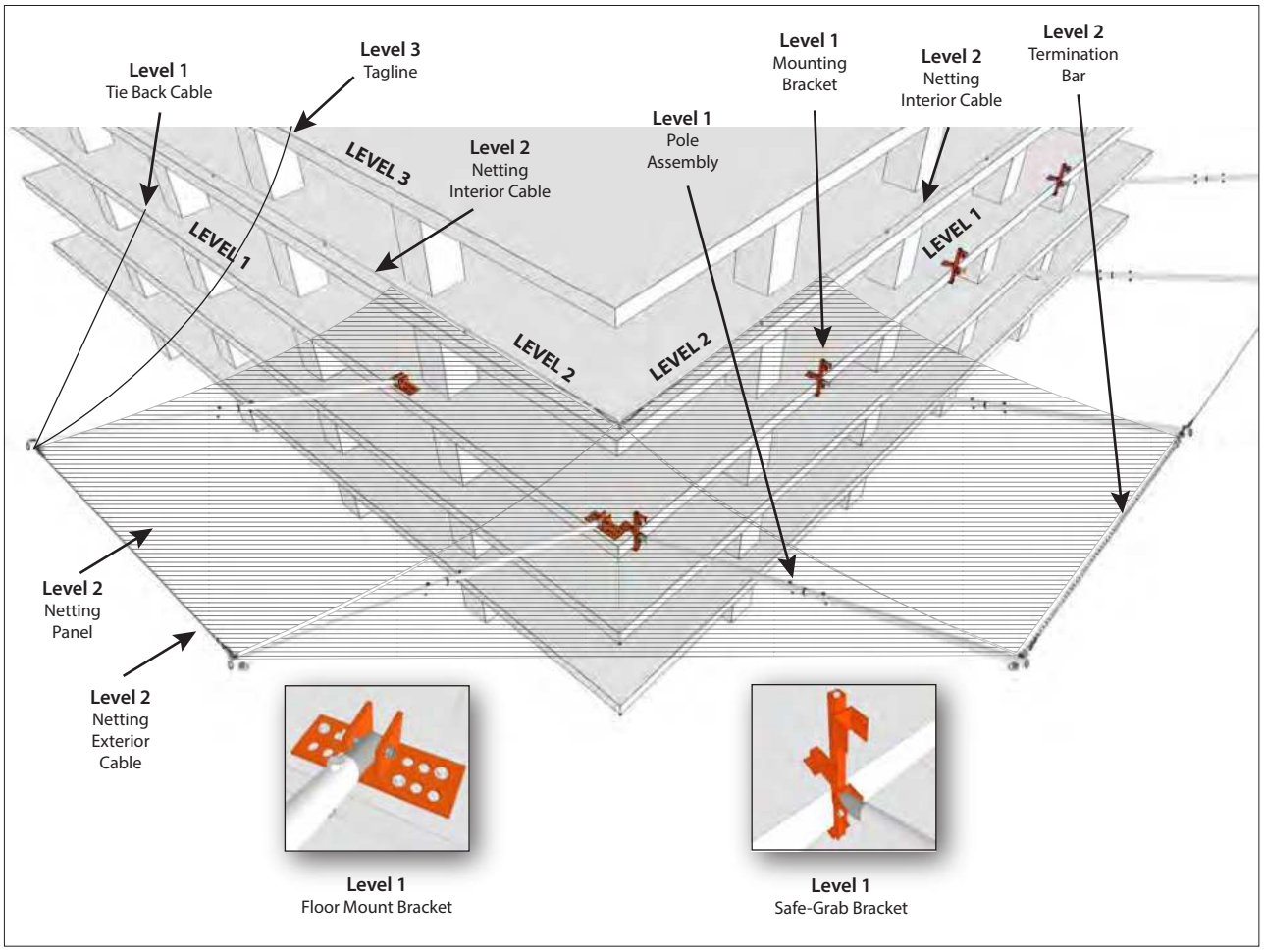
System Mounting Overview

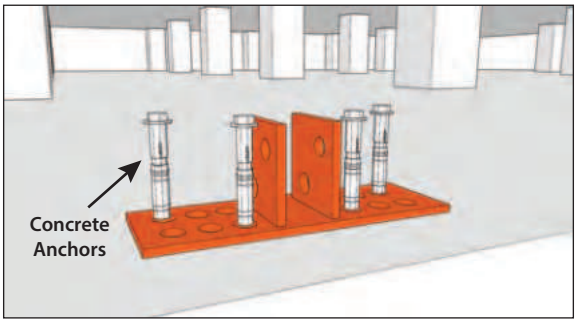
In a typical installation, the brackets and poles will be placed on Level 1, and cables (both interior and exterior net cables), hardware and netting will be placed on Level 2. It is recommended that you stage all the necessary harware on each respective floor and do an inventory of pieces before you begin installtion.

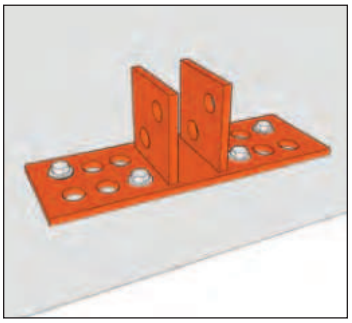
WARNING:
The user must follow the manufacturer's instructions for each component of the system. These instructions must be provided to the user of this equipment. The user must read and understand these instructions before using this equipment. Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product, or failure to follow instructions may result in serious injury and/or death.



System Mounting Overview for Standard/Floor Bracket

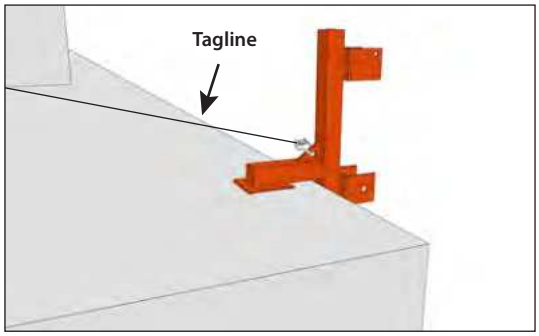
When working on non-post tension decks, you can use a Standard/Floor Mounting Bracket. Using this type of bracket requires drilling into the deck itself. Place brackets at desired locations according to layout diagram and secure bracket to deck using 4” concrete anchors.

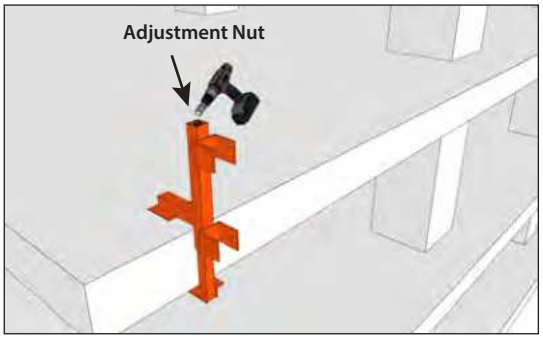




System Mounting Overview for GrabSafe Slab Bracket

When working on post tension decks, you can use a GrabSafe Slab Bracket. Based on netting layout, determine where slab brackets will be placed. Measure the width of slab and adjust the jaws to accomodate slab depth. Slide bracket into position and use impact drill to adjust bracket securing it to the concrete slab. After it is secure, use a torque wrench set at 250-280 lbs. to complete tightening of the bracket.





System Mounting Overview for Column Mount Bracket

In instances where a standard floor mount or Slab bracket mounting bracket can't be used, a column mount bracket may be a good alternative. There are 2 options for using a column mount bracket:

Installed at deck level

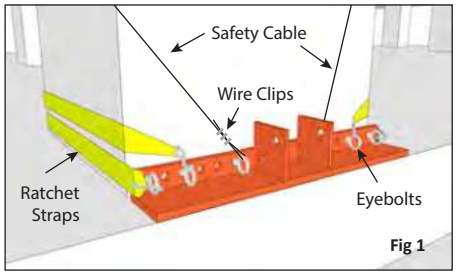
Lay Column Mount Bracket on edge of deck and secure around column using ratchet straps. (See Fig 1).

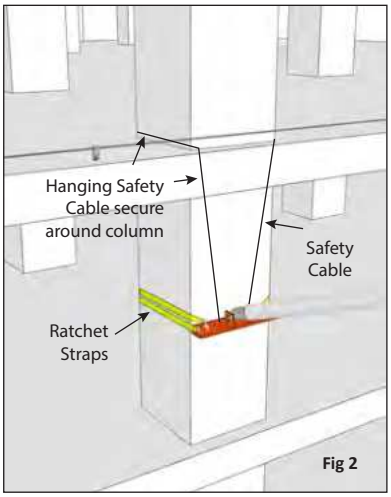
NOTE: Softeners must be used to prevent damage to ratchet straps. Failure to do so could result in strap failure. Wire Rope Safety Cable must be used on all column brackets.

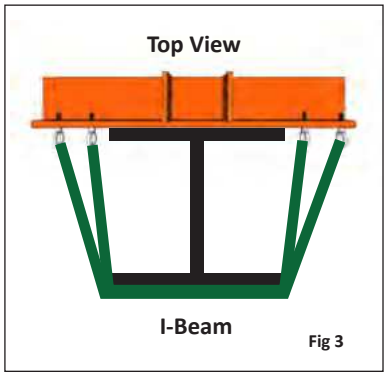
Hanging on Column

Wrap wire rope around column on floor above bracket and attach to bracket using wire rope clamps. Use 3/8" wire rope (minimum). Lower bracket to desired position and use ratchet straps to secure to column. (See Fig 2)

Can be used on I-Beams as well. (See Fig 3)



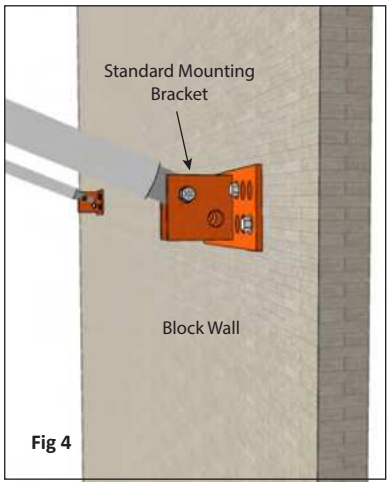


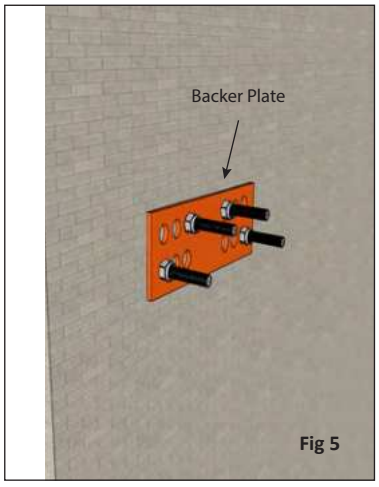


System Mounting Overview for Wall Mounted Bracket

There are some instances where a bracket can only be attached to a shear wall. When attaching to a vertical wall, a qualified person shall first determine the structural capacity of the concrete.

Using a Standard Mounting Bracket, drill holes through the wall . Threaded rods and nuts are used to attach to a backer plate on the interior side of the wall. (See Fig 4 and 5)





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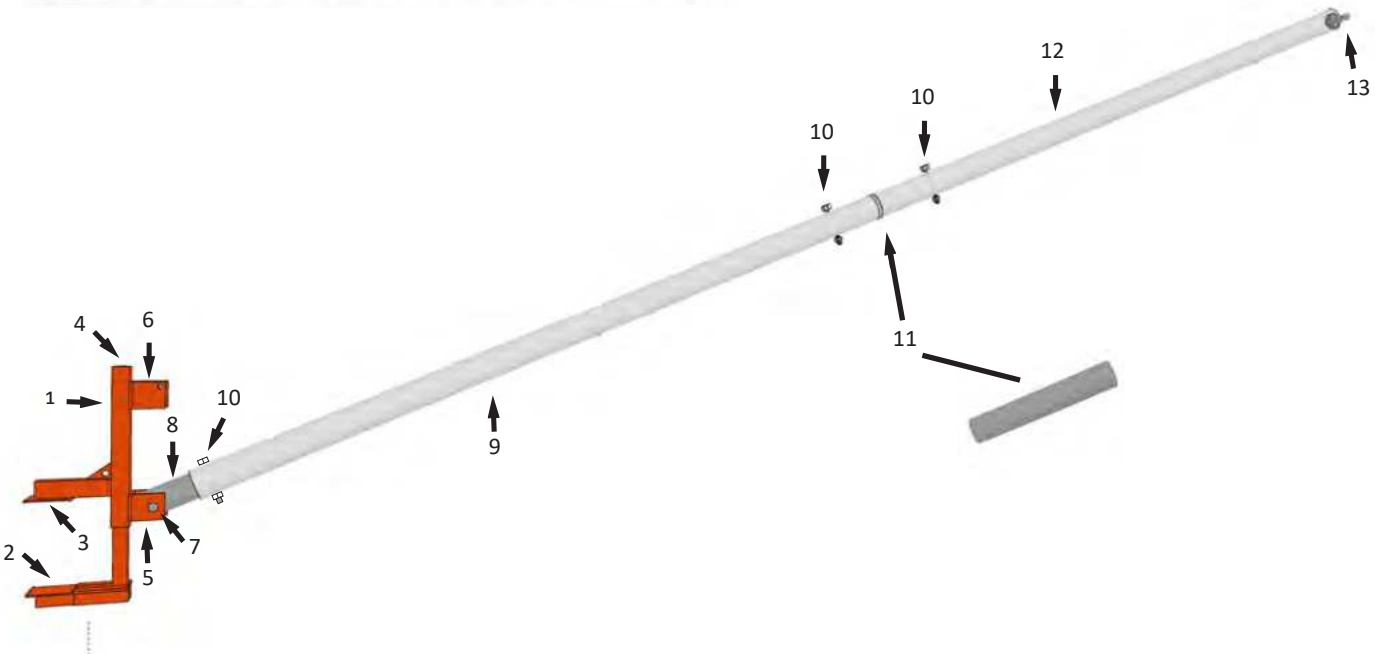
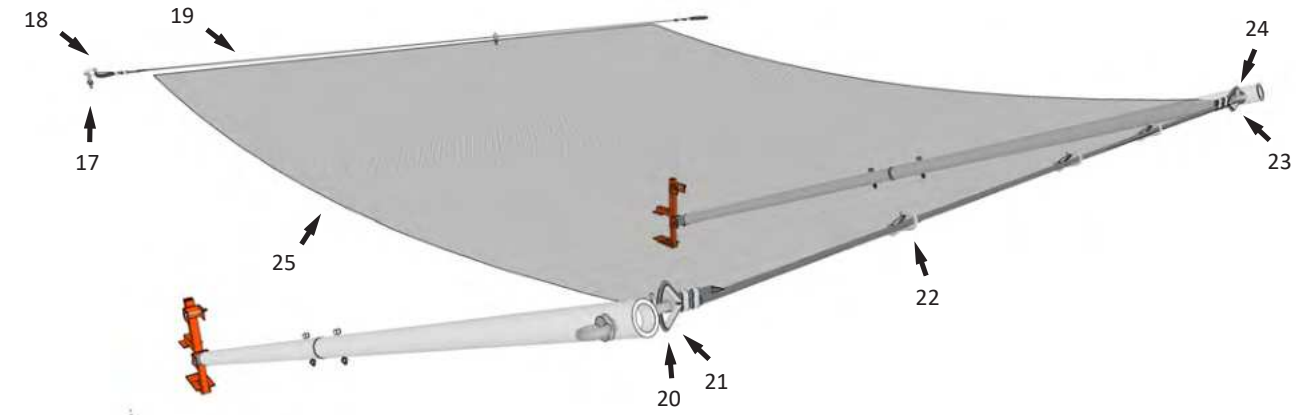
PERSONNEL SAFETY NETTING SYSTEM



1. Slab Bracket
2. Bottom Plate
3. Top Plate
4. Bracket Adjustment Bolt
5. Bottom Bracket Ears
6. Top Bracket Ears
7. Bottom Ear 6” Bolt and Nut
8. Swivel Coupler
9. Bottom Pole
10. Bolt & Lock Nut (attach coupler and pole)
11. Mid Coupler (inside of poles)
12. Top Pole
13. B7 Stud and Eyenuts



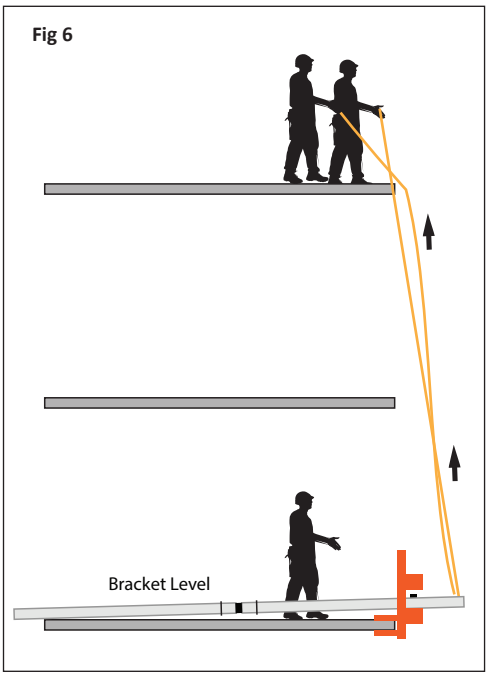
17. Interior Cable Eyebolt
18. Shackle
19. Interior Net Cable
20. Shackle
21. Closed end of Exterior Cable
22. Snap Hook on net
23. Closed end of Exterior Cable
24. Shackle
25. Net

Support Arm Components

Depending on height between decks, position 2 workers on deck 2 floors above the bracket floor. Drop [2] tag lines down to bracket level and attach to eyenuts at end of outer pole. Slowly lift pole until it clears the deck and move it between the bottom ears on the bracket (Fig 6). Secure pole assembly by placing a 6" bolt through ears and coupler and secure with lock nut.

Once pole assembly is securely attached to bracket, crew on floor/s above should secure pole in vertical position using tagline.

Fig 6



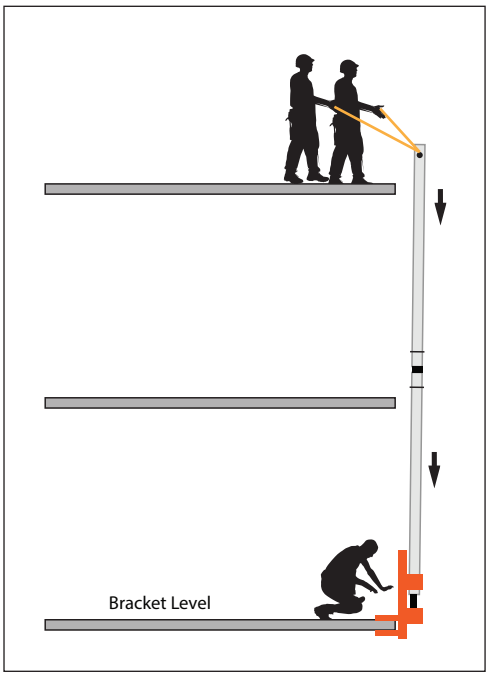
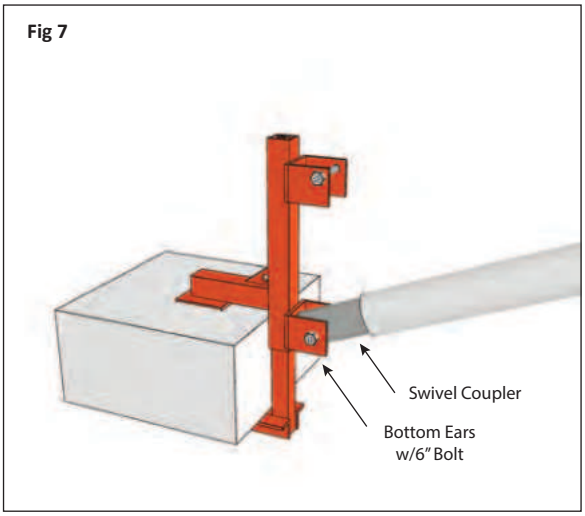


Fig 7



Additional Harware

Shackle
Used to connect wire cable to eye bolt and to conncet net to eye nut

35' Wire Cable
Used for outter Netting Cable

Wire Rope Clip
Used to secure ends of wire cable

Snap Hook
Used to secure net to exterior and interior cables and for joining nets together

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125" Wire Cable
Used for Interior Cable

Eye Bolt
Used for interior cable

Thimble
Used to close open end of wire rcable

Eye Nut
Used at end of pole to hold net

Bolt
Used to connect poles together and to baseplate

Lock Nut
Used to secure bolts to poles and couplers

Turnbuckle
Used to tension cable (interior cable only)

Swivel Coupler
Used to attach poles to mounting bracket

Ratchet Straps
Used to secure Column Mount bracket to column or iron pillar

Termination Bar
Is a rigid pole that is installed between two arms at the beginning or end of run.

Tagline
Used to raise or lower arms.

Mid Coupler
Used to connect bottom pole and top pole together

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