

CADDY® PYRAMID

Rooftop Equipment Support with Struts

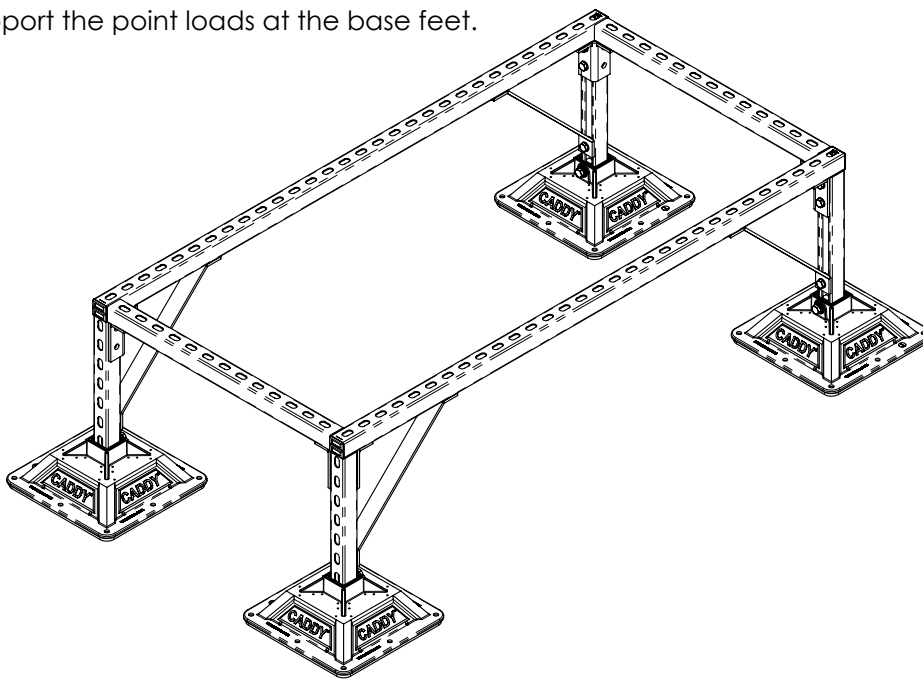
Part Number	Article Number	Description	Maximum Static Load*	
			LBS	N
PEK4BST	360429	Equipment Support Kit 4 Bases with Struts	1500 (750 per foot)	6670 (3335 per foot)
PEK6BST	360430	Equipment Support Kit 6 Bases with Struts	1500 (750 per foot)	6670 (3335 per foot)
PEK9BST	360431	Equipment Support Kit 9 Bases with Struts	1500 (750 per foot)	6670 (3335 per foot)
PEK12BST	360432	Equipment Support Kit 12 Bases with Struts	1500 (750 per foot)	6670 (3335 per foot)
PEK15BST	360433	Equipment Support Kit 15 Bases with Struts	1500 (750 per foot)	6670 (3335 per foot)

*Maximum recommended load at 5.22psi (36KPa) roof loading. Contact project or roofing engineer for maximum allowable load on individual project roofing system.

ERICO does not recommend the use of CADDY® PYRAMID Equipment Support Kits on sloped rooftops with more than 1/12 pitch unless there is a structural attachment of the supports to the roof structure.

Each structure is individually designed & dimensioned to support a specific piece of equipment specified by the customer. Please refer to the custom drawing provided by the ERICO Application Engineer for admissible load repartition.

The roof must be able to support the point loads at the base feet.



WARNING:

1. ERICO products shall be installed and used only as indicated in ERICO product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative.
2. ERICO products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.
5. Products that are manufactured using spring steel components shall be used only in a non-corrosive indoor environment.
6. All pipe supports, hangers, intermediate components and structural attachments must ONLY be used as described herein and are NEVER to be used for any other purpose.

NOTE: All load ratings are for static conditions and do not account for dynamic loading such as wind, water or seismic loads, unless otherwise noted.

The customer is responsible for:

- a. Conformance to all governing codes.
- b. The integrity of structures to which the products are attached, including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
- c. Using appropriate industry standard hardware as noted above.

SAFETY INSTRUCTIONS:

All governing codes and regulations and those required by the job site must be observed.
Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.



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TECHNICAL SUPPORT:
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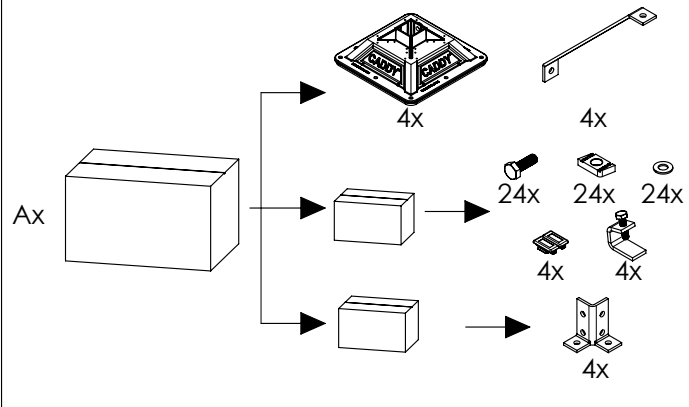
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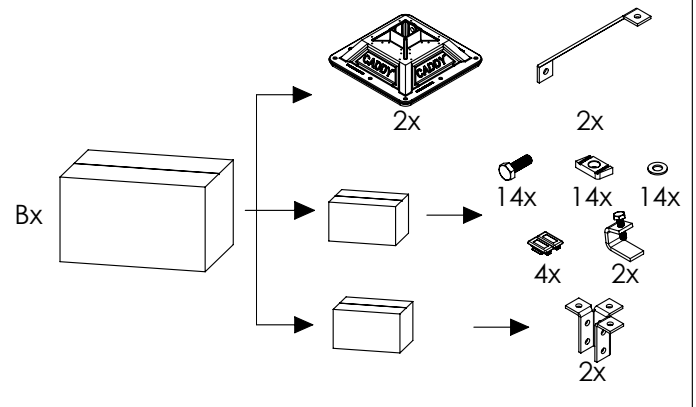
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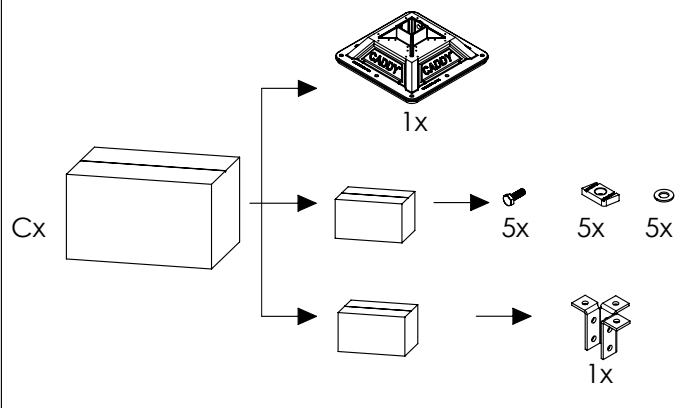
Contents for Box labeled PEKCB300 / PEKCB500:



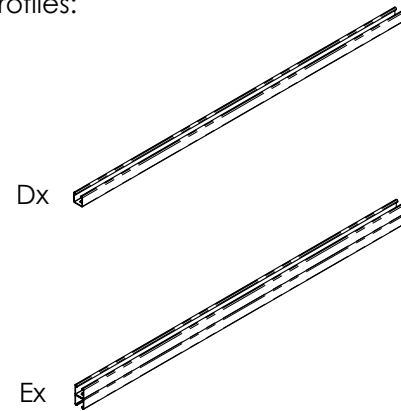
Contents for Box labeled PEKMID:



Contents for Box labeled PEKEXT:



Strut profiles:



Part Number	Article Number	Description	A*	B	C	D	E
PEK4BST	360429	Equipment Support Kit 4 Bases with Struts	1	-	-	3	-
PEK6BST	360430	Equipment Support Kit 6 Bases with Struts	1	1	-	5	-
PEK9BST	360431	Equipment Support Kit 9 Bases with Struts	1	2	1	9	-
PEK12BST	360432	Equipment Support Kit 12 Bases with Struts	1	4	-	3	9
PEK15BST	360433	Equipment Support Kit 15 Bases with Struts	1	5	1	4	11

* Only PEK4BST kit uses Box PEKCB300, all other kits use Box PEKCB500



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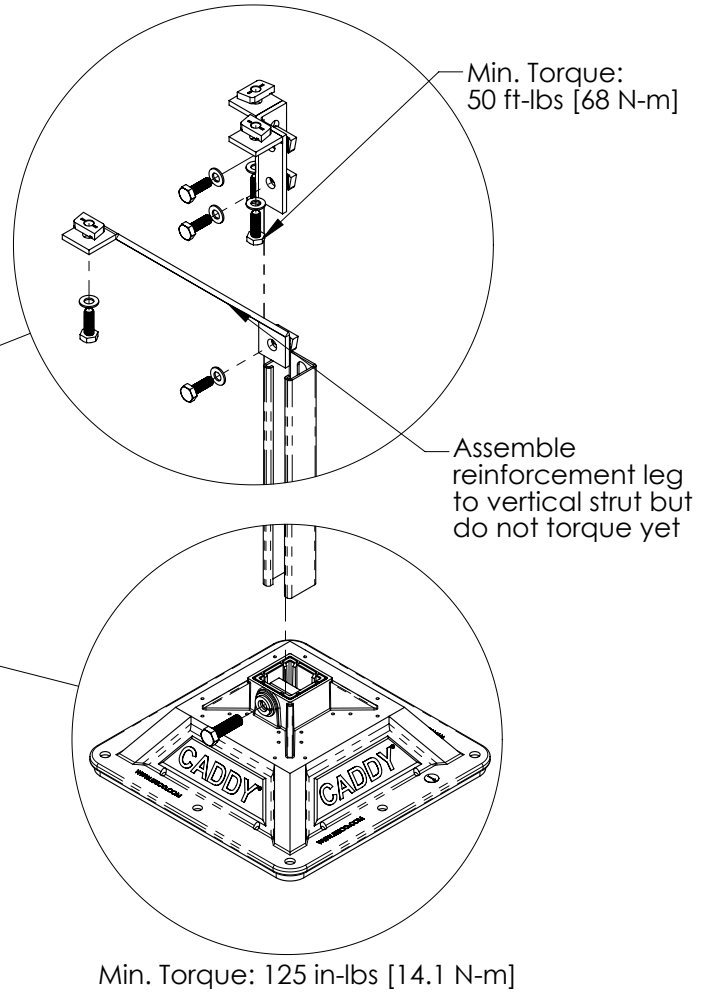
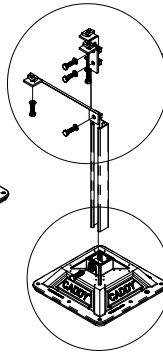
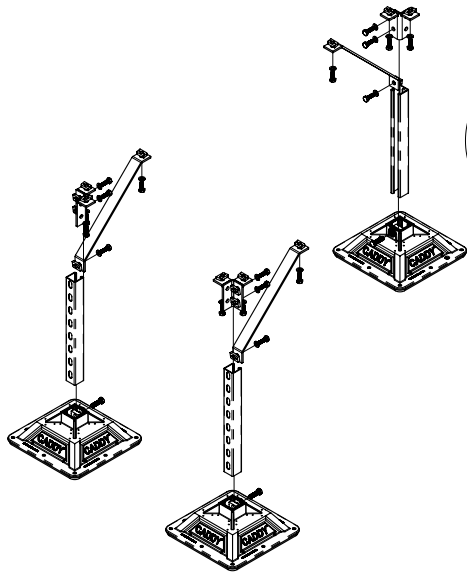
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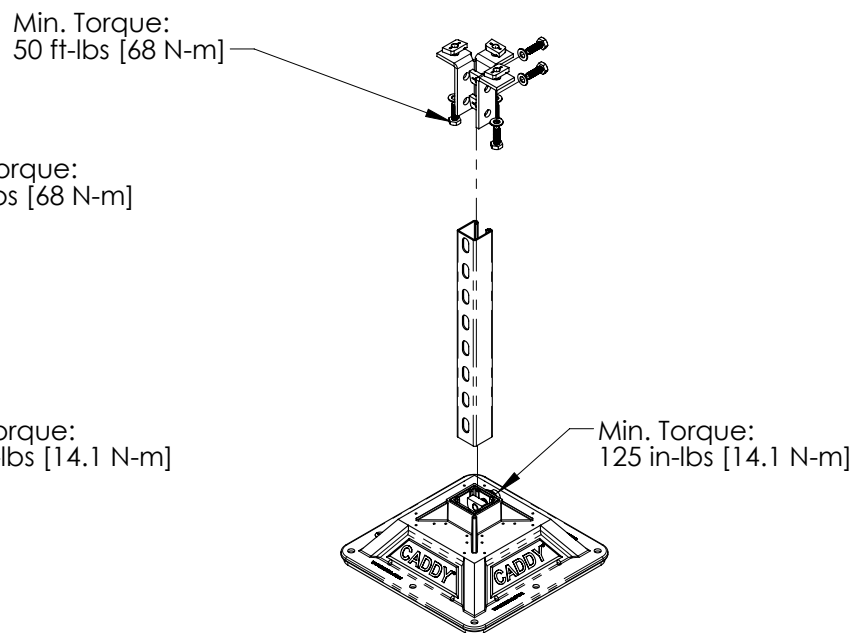
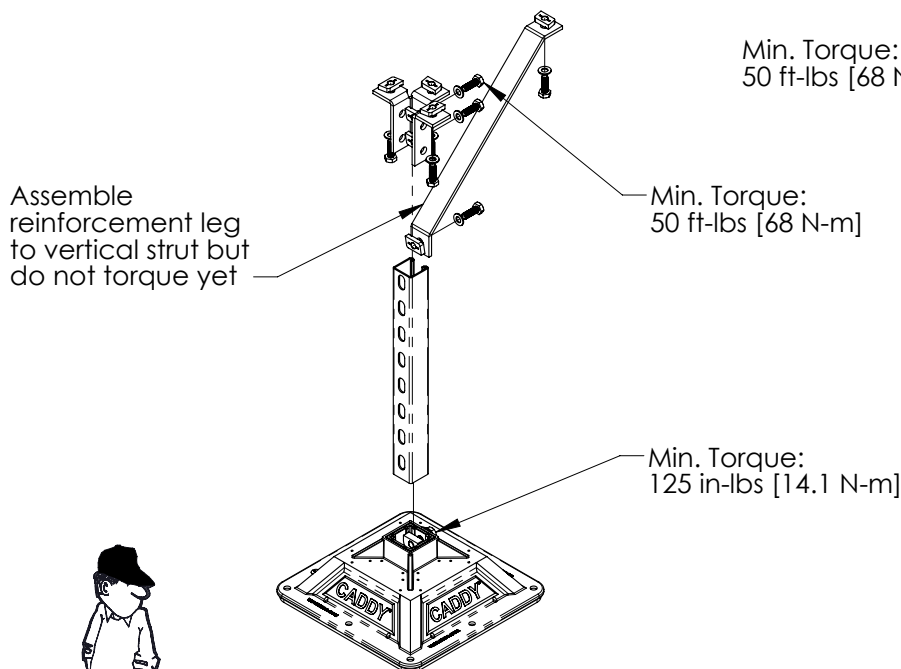
Rooftop Equipment Support with Struts

- ① Sweep off loose gravel, if gravel exists
After cutting the struts to the lengths indicated on the custom drawing, assemble & position the 4 corner legs using parts & hardware of PEKCB300 or PEKCB500



- ② Assemble & position the middle legs using parts & hardware found in PEKMID (if applicable)

- ③ Assemble & position the extension leg using parts & hardware found in PEKEXT (if applicable)



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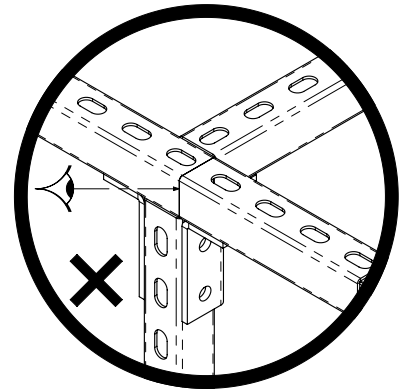
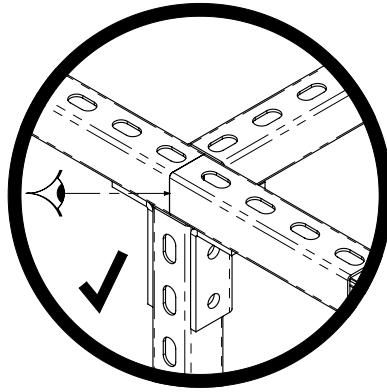
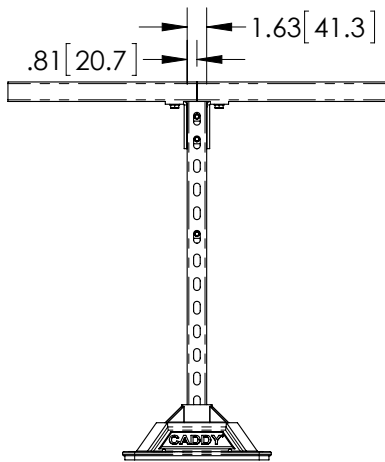
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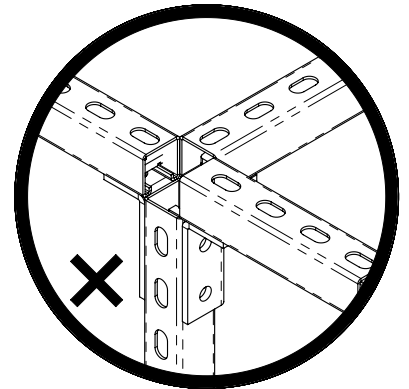
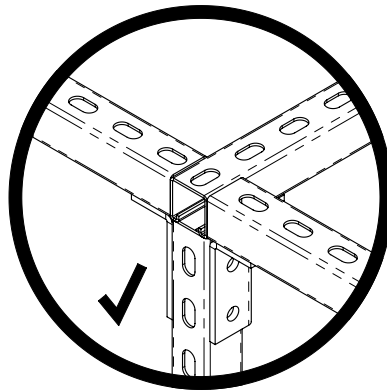
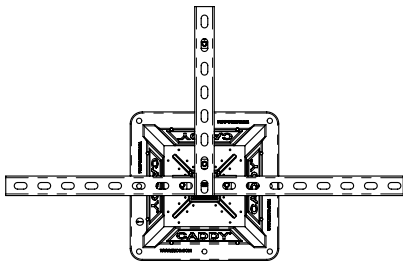
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Rooftop Equipment Support with Struts

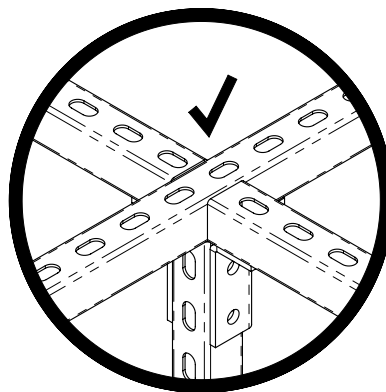
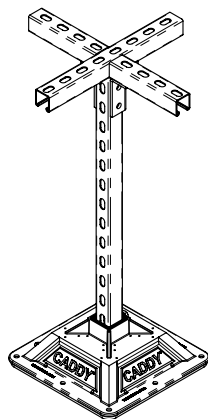
- ④ If 2 pieces of strut are to be connected, ensure the joint is centered on a vertical leg as shown below



- ⑤ If 2 pieces of strut are to be connected to a 3rd perpendicular one, ensure there is no gap between them and the 3rd piece runs all the way to the end of the vertical support as shown below



- ⑥ If 2 pieces of strut are to be connected to a 3rd perpendicular one running across, ensure there is no gap between them and the 3-way connection is positioned as shown below



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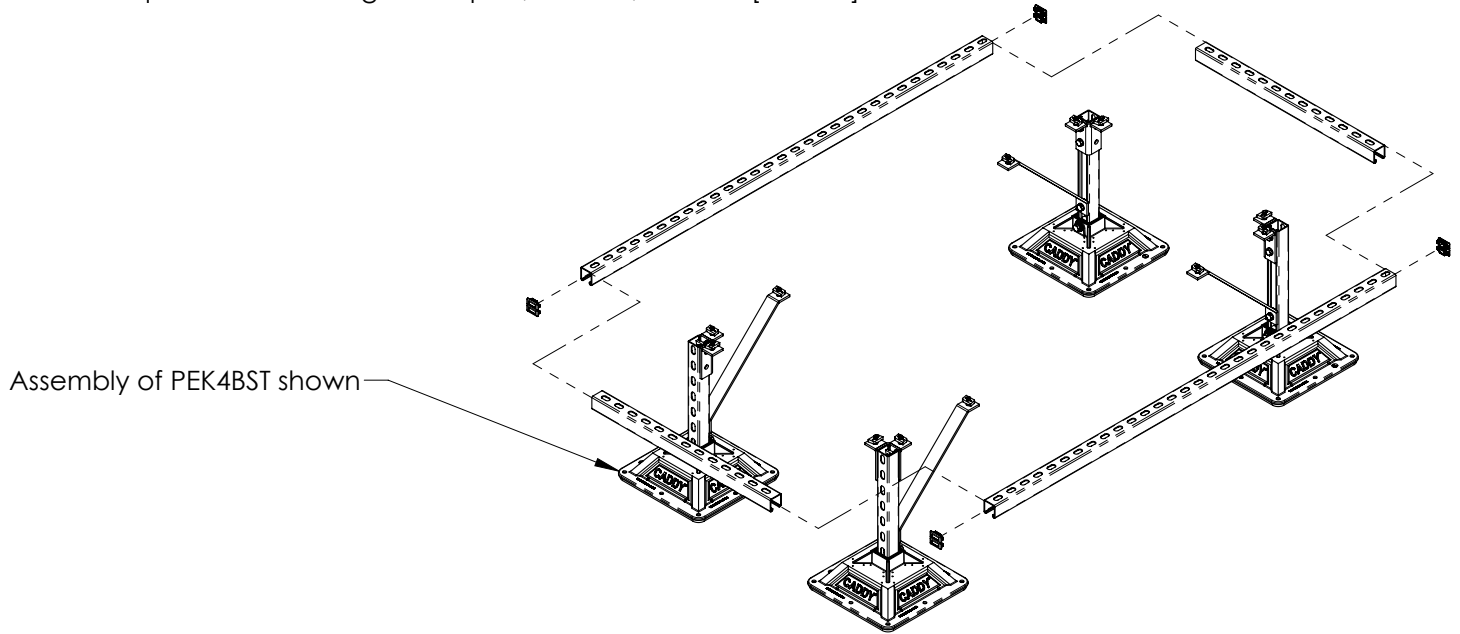
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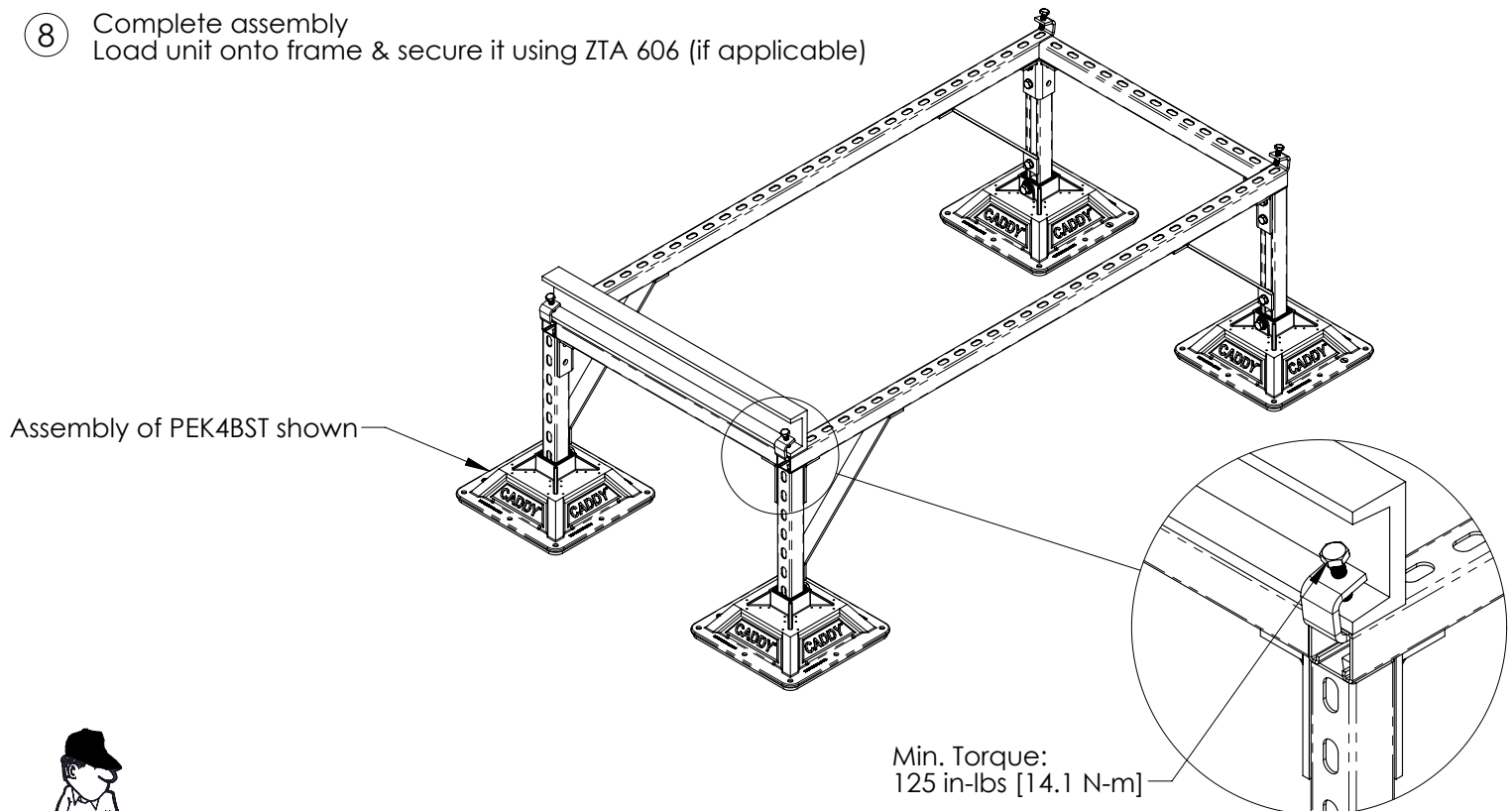
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Rooftop Equipment Support with Struts

- ⑦ Assemble the top part of the frame, make sure all feet are sitting flat on the roof & secure the top part of the frame to the vertical legs using the brackets & the reinforcement legs
Torque all connecting bolts up to, at least, 50 ft-lbs [68 N-m]



- ⑧ Complete assembly
Load unit onto frame & secure it using ZTA 606 (if applicable)



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