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## Cantilever Worksheet

### **LOAD**

1. Describe the load: What is the product? Ex: Plywood/Bundles of Pipe/Loose Aluminum Extrusion

\_\_\_\_\_

2. Length \_\_\_\_\_ Width \_\_\_\_\_ Height \_\_\_\_\_

3. Weight per bundle \_\_\_\_\_

4. How many arms will be required to support load without deflection? \_\_\_\_\_

### **ARMS**

5. Inclined (20 degree incline) \_\_\_\_\_

6. Straight (3/8" per foot to pitch to compensate for deflection) \_\_\_\_\_

7. Straight arm w/lip \_\_\_\_\_

8. Pipe sockets? \_\_\_\_\_

9. Length of arm \_\_\_\_\_

10. Capacity per arm \_\_\_\_\_ #3 divided by #4 \_\_\_\_\_

### **UPRIGHTS**

11. Single Sided \_\_\_\_\_

12. Double Sided \_\_\_\_\_

13. Height \_\_\_\_\_ Determined by forklift ht/ceiling ht/etc) Base length is determined by arm length, included with upright.

14. Base + how many arm levels? \_\_\_\_\_

15. Brace Length: \_\_\_\_\_ Length of material divided by the # of uprights = brace length (24, 36, 42, 48, 60, 72, 84, 96) Braces are on center of uprights.