



OFFICE OF OPERATIONS
BUILDING DEPARTMENT

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TENT BALLAST WORKSHEET

The required ballast requirement for a tent is ten pounds per square foot of roof area.

Driven anchors are rated at 1500 pounds per anchor.

Static Weight anchors (cement blocks) are rated at the gross weight of the anchor.

Water-filled weight anchors are no longer permitted in Connecticut.

SAMPLE CALCULATIONS

Tent Length x Tent Width = Gross Roof Area

Gross Roof Area / 10 pounds p.s.f. = Total Required Ballast Weight

Number of Driven Anchors x 1500 pounds = Driven Anchor Weight Ballast OR

Number of weight anchors x gross weight per anchor = Static Weight Ballast

For Example: 40' x 60' Tent = 2,400 square feet of roof area

2,400 sq. feet x 10 pounds p.s.f. = 24,000 pounds of ballast required

24,000 pounds / 1,500 pounds per driven anchor = 16 driven anchors required Or if using 500 pound cement blocks: 48 blocks are required

REQUIRED BALLAST FOR THIS TENT APPLICATION:

Tent Number or ID	Tent Size	Tent Area	x10 = Ballast Required	Anchors Provided @ 1500 pounds each

Signature _____ Print Name _____