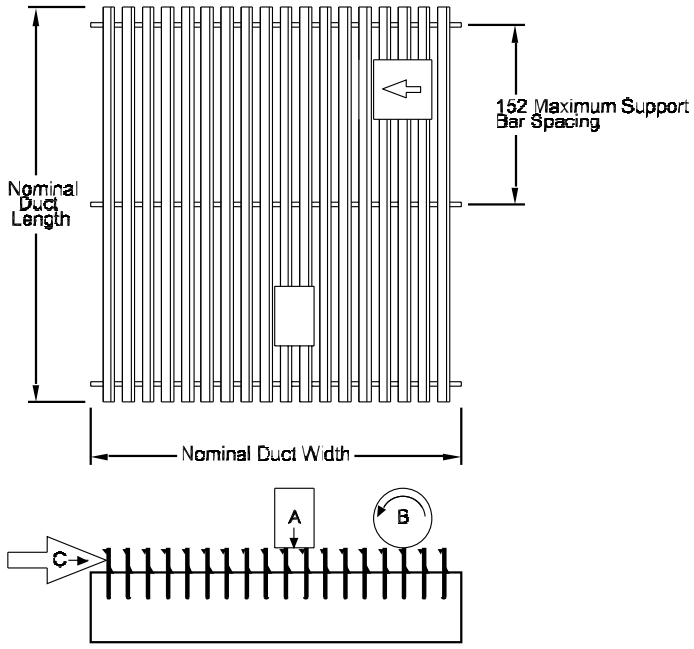
Titus Submittal

D-CT-HD 2-27-97

☐ **CT-480**	• ¼" Spacing	• 1/8" Bars	• 0° Deflection
☐ **CT-481**	• ¼" Spacing	• 1/8" Bars	• 15° Deflection
☐ **CT-580**	• ½" Spacing	• 1/8" Bars	• 0° Deflection
☐ **CT-581**	• ½" Spacing	• 1/8" Bars	• 15° Deflection
☐ **CT-540**	• ½" Spacing	• ¼" Bars	• 0° Deflection
☐ **CT-541**	• ½" Spacing	• ¼" Bars	• 15° Deflection
☐ **CT-PP-0**	• 7/16" Spacing	• 7/32" Bars	• 0° Deflection
☐ **CT-PP-3**	• 7/16" Spacing	• 7/32" Bars	• 30° Deflection

Linear Bar Diffusers • Maximum Floor Loading (Frames 5, 6, and 15)
Aluminum Fixed Bars



Model Number	Maximum Vertical Distributed Load A (lbs./4 in.^{2})	Maximum Vertical Live Load B (lbs./ ft.^{2})	Maximum Horizontal or Prying Load C (lbs.)
CT-480/CT-481	300	300	50
CT-580/CT-581	200	200	50
CT-540/CT-541	250	250	50
CT-PP-0/CT-PP3	250	250	50

General Description

- Cores for floor frames 5, 6 and 15 are reinforced with 6" maximum support bar spacing and 0.09 thickness wing.
- These frames are for occasional traffic areas and have a maximum nominal duct width of 12".
- If placing furniture on cores, furniture legs should be a minimum of core spacing plus two bars wide to avoid placing a horizontal load on core.
- For heavier traffic applications the CT-480 or CT-481 must be used with a maximum nominal duct width of 6".

Note: This submittal is meant to demonstrate general dimensions of this product. The drawings on this submittal are not meant to detail every aspect of the product with exactness. Drawings are not to scale. TITUS reserves the right to make changes without written notice.

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