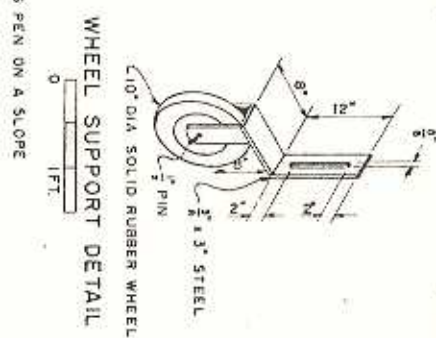
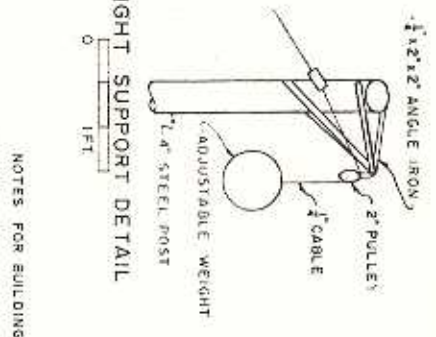


CAPACITY: 12-15 SQUARE FEET PER HEAD (SEE TABLE)

WEIGHT SUPPORT DETAIL

WHEEL SUPPORT DETAIL



NOTES FOR BUILDING PEN ON A SLOPE

1. THE DOTTED OFF-CENTER WHEEL AND ARROW ARE FOR USE ONLY WHEN THE PEN MUST BE SLOPED TO FIT THE CONTOUR OF THE BUILDING SITE.
2. THE LARGE DIA. WHEEL, WELDED OFF-CENTER, GIVES THE GREATER CLOSING POWER NECESSARY ON A SLOPE SUCCESSFULLY FOR THE OFF-CENTER WHEEL.
3. DISCARDED IMPLEMENT WHEELS HAVE BEEN USED.
4. THE WEIGHT NECESSARY TO CLOSE THE GATE WILL VARY WITH THE SLOPE OF THE PEN.
5. THIS ARRANGEMENT HAS BEEN USED SUCCESSFULLY WITH SLOPES OF 10%.
6. IN THE EVENT THE SLOPE IS TOWARD THE BARN, INSTEAD OF AWAY FROM THE BARN AS SHOWN, REVERSE THE CENTERED POSITION OF THE OFF-CENTER WHEEL.

**COW CAPACITY AT VARIOUS RADII**

**12-15 SQ. FT PER COW**

R	AREA	COWS
15'	707 SQ. FT.	45-60
17'	910 SQ. FT.	50-75
20'	1200 SQ. FT.	80-100

VPI. PLAN 8-554

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 UNIVERSITY OF MARYLAND

UNIT DISTRICT OFFICE, UNIVERSITY OF MARYLAND, COLLEGE PARK, MARYLAND

**AUTOMATIC CROWDING GATE**

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