

# SPECIFICATIONS

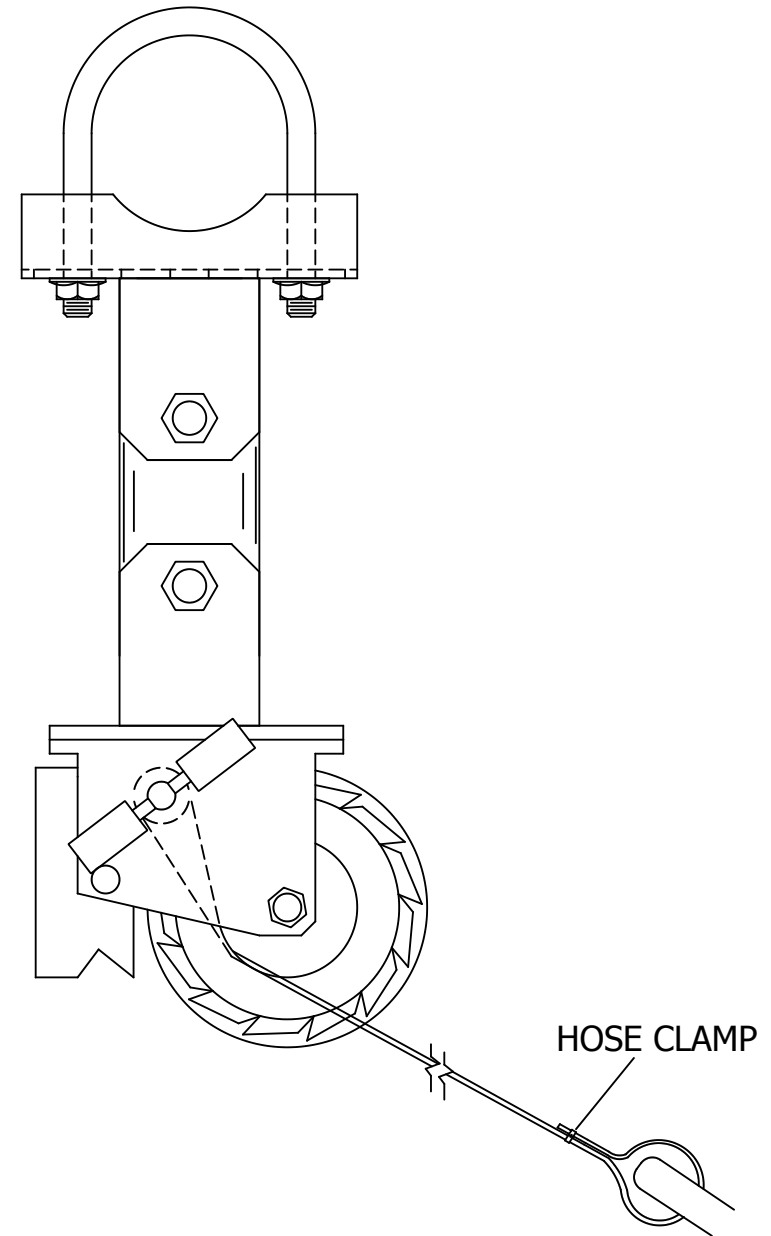
## AALCO MODEL #AST SAFETY CATCH

Shall be a completely automatic, non-electric mechanism capable of catching and holding a basketball backstop at any time and in any "folding" position should it fall due to failure of the hoist system.

The catch shall mount to an independent portion of the overhead structure and attach to the folding structure of the backstop by means of tether which winds and unwinds from a spring powered storage wheel. The tether shall be of 2" wide, 6000lb. tensile, nylon webbing to provide both high strength and maximum shock cushioning.

Rewind power shall be provided by a "spring motor" design spring in order to provide a uniform 8lb. torque essential to avoiding slack. A flyweight mechanism of the catch shall provide response to high speed unwinding of the tether strap by tripping the engagement of a ratchet catch, so as to stop the load within 12" of travel.

The unit shall automatically reset itself when the load is disengaged.



(     #     REQ'D )

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			SCALE NTS	DRAWN BY P. POHRER	SHEET
			SPEC SECTION 11480		