

Installation Checklist

☒	Check each of the boxes below. Refer to the Installation Manual for questions and further details. Download current manual at https://hillandsmith.com.
Foundation Requirements	
	6" reinforced concrete pad or 8" non-reinforced pad. For asphalt, refer to Table 3.
	Pad is planar with max cross slope of 10:1 (front to back, side to side).
	Concrete is 4,000 psi at full cure.
	Inspect new and existing foundations for slope, signs of cracking, shifting from original position, undercut below or sides, settling or other signs of age/deterioration.
	Foundation pad per Appendix B of Installation Manual.
Unloading and Placement	
	Position with a device that can safely lift 3,200 lbs.
	Lift the system under the skid frame or use the four lifting tabs located on Bulkheads 3 and 6.
	Attenuator centered or aligned on hazard to provide the best possible protection and redirection capabilities possible.
Anchors, Drilling, Cleaning, Adhesive and Torque Values	
	Anchor embedment per specifications in Appendix B.
	Anchor holes drilled to proper depth using a 7/8" diameter drill bit.
	Remove loose Debris from drilling holes with a vacuum or air hose.
	"Scrub out" holes using a nylon or wire bottle brush and remove dust with a vacuum or with compressed air.
	Use supplied RedHead A-7 epoxy or approved alternative per manufacturer's recommendations.
	Rotate anchor rods one full turn while inserting into the anchor holes previously filled with adhesive.
	After adhesive has fully cured, torque anchor nuts to 125 ft.-lbs. with no more than 1/2" of anchor rod thread visible above the nut.
	All 48 anchors installed for asphalt system or all 38 anchors installed for concrete system.
Hardware Check	
	All Hardware is tightened to specifications.
Rear Panel Clearance	
	Rearmost panel clearance for travel straight back 30" beyond backstop.
Front Panels	
	Stripe front delineation panel per agency regulations for the site location.
Transitions	
	Transitions required for hazards wider than 24" or if Bi-directional traffic. See Manual for further information and available transitions.

Location:	Date:
Serial #:	Inspector Signature: