

**PART 1 - GENERAL****1.1 SUMMARY****A. WORK INCLUDED**

1. Factory assembled unit.
2. Installation and Owner's Manual

**B. RELATED WORK**

1. Section 11 13 13 - Dock Bumpers.

**C. REFERENCES**

1. CS202-56.
2. A.N.S.I. MH-14.1. 1 – 1984

**D. DESCRIPTION (APPLICATION)**

1. Product: fully automatic truck restraint – Series ETR.
2. Size: 17 ¾" wide x 28 13/16" tall. Motor housing to be 45 ½" wide x 10 ¼" tall.
3. Restraining Capacity: 55,000 lbs.

**1.2 SUBMITTALS**

- A. General: Submit in accordance with Section 01 33 00.
- B. Product Data: Submit for automatic truck restraint.
- C. Submit dimensional detail.
- D. Provide rough-in drawings for electrical service in advance of concrete work.
- E. Submit specification.
- F. WARRANTY: Unit shall include the manufacturers standard (1) one year warranty against defects in materials and workmanship on the remaining components.

**PART 2 EXECUTION**

- A.

**2.2 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide each component of individual truck restraint per particular type by same manufacturer.
- B. Manufacturer Qualifications: Company specializing in manufacturing products specified in this Section with minimum ten years' experience.
- C. Installer Qualifications: Approved in writing by manufacturer.

**PART 3 - PRODUCTS****3.1 ACCEPTABLE MANUFACTURERS AND MODEL**

1. Series ETR Automatic Truck Restraint by Chalfant Sewing Fabricators, Cleveland, OH. Contact: <http://www.ChalfantUSA.com> for project quote.

**3.2 EQUIPMENT**

- A. CONSTRUCTION: Hook and hook housing constructed of ½", 55,000 lb. minimum yield steel plate (smooth).
- B. OPERATION: Automatic push button control. Provided wall-mounted control box with Red and Green LED warning lights included.

**C. COMMUNICATION SYSTEM:**

- a) Outside system: Full time flashing red and green LED lights with sun visors and 2 warning signs (one mirror reverse) for truck driver.
- b) Inside system: Automatically activated, full time flashing red and green LED lights with one sign for loading / unloading operations.
- c) Required power source: 110 / 115 volt, single phase.

**3.3 INSTALLATION**

1. Install in accordance with manufacturer's instructions.
2. Paint welds with touch-up paint.