

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

1. Factory assembled unit with necessary mounting hardware.
2. Installation and Owner's Manual

B. RELATED WORK

1. Section 11 13 13 - Dock Bumpers.

C. REFERENCES

1. Government Test Method Standard No.191A for fabric.

D. DESCRIPTION (APPLICATION)

1. Door Size - Unit shall be designed for a door opening size of ____" wide x ____" high.
2. Dock Height - Loading dock height shall be ____".
3. Bumper - Total dock bumper protection including any building wall offset or building wall overhang shall be ____".
4. Drive Approach - Driveway approach shall be one of the following;
 - A. Level Approach in 50 feet from the dock face.
 - B. Decline Approach with grade to be _____% in 50 feet from dock face.
 - C. Incline Approach with grade to be _____% in 50 feet from dock face.
5. Truck Service Range - Unit shall be designed to service vehicles ranging in height from ____' - ____" to ____' - ____".

1.2 SUBMITTALS

- A. General: Submit in accordance with Section 01 33 00.
- B. Product Data: Submit for dock seals.
- C. Submit dimensional detail.
- D. Submit specification.

1.3 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide each component of individual dock seal 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 2 - PRODUCTS**2.1 ACCEPTABLE MANUFACTURERS AND MODEL**

Series 700 Flex Dock Shelter as manufactured by Chalfant Sewing Fabricators, Cleveland, OH. Contact: <http://www.ChalfantUSA.com> for project quote.

2.2 EQUIPMENT

- A. COMPONENTS: Each (3) three sided unit shall consist of (2) two side frames, side curtains, draft pads and (1) one head frame and head curtain.
- B. HEAD CURTAIN: Curtain drop shall be 6" lower than the lowest trailer/ truck to be serviced. The curtain length shall be equal to the overall unit width. Curtain to have encased spring steel stays in reinforced sleeves. Curtain to have overlapping guardian wear face at each end. Curtain to be secured at each end with stabilizing wind straps.
 - () Standard: 24" High head curtain.
 - () Optional: 30" High head curtain.

- () Optional: 36" High head curtain.
- () Optional: 42" High head curtain.
- () Optional: 48" High head curtain.
- C. SIDE CURTAINS: Side curtains length shall be equal to the overall height of the side frames. Curtain to have encased spring steel stays in reinforced sleeves. Curtain shall have reinforced multi-ply bottom panels with a high visibility standard length guide stripe.
 - () Optional: Full length guide stripe
- D. PROJECTION: Overall unit projection shall be 18" beyond the face of the dock bumpers.
 - () Optional: 24" projection
 - () Optional: 30" projection
 - () Optional: 36" projection
 - () Optional: 42" projection
- E. FRAME FITTINGS AND FASTNERS: Frame fittings are made from ¼" thick steel and hot-dipped galvanized after fabrication. Frame fasteners are 3/8" and ½" diameter steel and also hot-dipped galvanized after fabrication.
- F. ROLLERS FOR ARM AND TRACK: Rollers are four wheel design, made of galvanized steel tested to 1,000 lb. load limit, equipped with needle bearings and sealed. Four rollers furnished with each unit.
- G. PULLEYS AND ROPES: unit is extended by spring torsion and retracted by balanced pulley and rope assembly. Pulleys are made of heavy-duty galvanized iron. Rope is heavy-duty, ¼" diameter nylon with a 1,500 lb. test break strength.
- H. DRAFT PADS: Shall aid in prevention against air infiltration at the bottom of side pads, with instructions on top of pad – NO STEP.
- I. FABRIC: The unit base fabric shall be _____.
- J. UNIT CONSTRUCTION: Head frame and side frames to have curtains secured with aluminum angle by means of lags. The sewing shall be heavy-duty polyester minimum size 138 bonded. Meets Federal Specification V-T-285. The unit shall also include 24" high yellow guide stripes.
 - () Optional: Full length guide stripe.
- K. WARRANTY: Unit shall include the manufacturers standard (1) one year warranty against defects in materials and workmanship on the remaining components.
- L. OPTIONS:
 - () Steel frame.
 - () Door number on head curtain.
 - () Adjustable head curtain with pull ropes.
 - () Tapered dock shelter

PART 3 EXECUTION

3.1 INSTALLATION

1. Install in accordance with manufacturer's instructions.
2. Caulk between the building wall and unit.