**NOTE TO PROJECT ARCHITECT: This Specification applies to curtains and draperies that may occur on Multipurpose Room Platforms in Primary Centers, Elementary Schools and Middle Schools.**

**PART 1 - GENERAL**

**1.01 SUMMARY**

A. Provisions of Division 01 apply to this section.

B. Section Includes:

1. Platform draperies and accessories: As indicated on Drawings at Multipurpose Room.

B. Related Sections:

1. Section 06 10 00: Rough Carpentry
2. Section 09 25 00: Gypsum Board
3. Section 09 51 10: Acoustical Ceiling Systems

**1.02 SYSTEM DESCRIPTION**

1. Design Requirements:
   * 1. Drapery fabrics shall be inherently and permanently flame-resistant and shall bear manufacturer's label indicating required flame-resistance.

B. Regulatory Requirements:

1. Provide certificates indicating the fabrics have been flame-proofed in accordance with requirements of the laws of the State of California and the City or County of Los Angeles and rules of the State Fire Marshal. Flame-proofing shall be by immersion process and of a quality able to withstand 3 dry cleanings without destroying its properties.

**1.03 SUBMITTALS**

A. Shop Drawings: Submit Shop Drawings indicating complete floor layout, elevations and sections, heights of rigging and draperies, and the arrangement of the entire drapery setting connection details and method of suspension from ceiling.

B. Material Samples: Submit manufacturer's standard color Samples of each type of fabric proposed for installation.

C. Certificates: Submit certification materials have been flame-proofed as required by regulatory authorities having jurisdiction.

**1.04 QUALITY ASSURANCE**

* 1. Qualifications of Installer: Work shall be performed by installers with a minimum of 5 years experience installing work of similar scope and complexity.
  2. Qualifications of Manufacturer/Fabricator: Manufacture and fabrication of curtains shall be performed by firm(s) with a minimum of 5 years experience of work of similar scope and complexity.

**PART 2 - PRODUCTS**

**2.01 MATERIALS: PLATFORM CURTAINS**

A. Platform Curtains: Front curtains, rear curtains and side tabs to be 202 Bolero Bouquet or Duval Opaque, with linseal back, inherently and permanently flame-resistant; 48 inches wide.

B. All draperies, valances, and curtains shall be furnished with vinyl backing.

**2.02 FABRICATION: PLATFORM CURTAINS**

A. Draw Curtains: Fabricate in 2 equal sections and size curtains to include a 24 inch overlap at center; 12 inches past center. Sew fabric at the rate of 75% added fullness to a continuous length of 3 inch wide black nylon webbing with three rows of double stitching. Insert #2 plated brass grommets at 12 inches apart except at leaders where they shall be spaced to match track leader component. Furnish one #62 plated “S” for each grommet in the curtain, to be mounted at time of installation. Bottom hem shall be 4 inches wide with 3 inch pocket and #10 plated jack chain inserted. Using a tie-tack stitch from the back of the hem, hand sew through the back of the hem and pocket and through the jack chain at each vertical seam to prevent the chain from shifting. Side hems shall be 12 inches wide.

B. Side Tab (Wing) Curtains: Size to mask both sides of the platform while extending between the front and rear draw curtains. Each shall be fabricated to install on wing pivot batten devices; with fabrication same as for draw curtains, except side hems shall be 2 inches wide.

* 1. Overhead Border Curtains: Size and quantity to mask the stage overhead equipment; with fabrication to be the same as for the draw curtains, except each shall be in one continuous piece extending across the platform, and the side hems shall be 2 inches wide, and mount to drapery battens with #4 black sash cord inserted into each grommet. Omit chain and pocket in bottom hem.
  2. Quantity and size of each stage curtain shall be as indicated on the Drawings.

**2.03 TRACK AND ACCESSORIES: PLATFORM CURTAINS**

A. Draw curtain tracks and rigging with component equipment and parts specified shall be as manufactured by Automatic Devices Co., or equal. Tracks and rigging equal in quality, design, and weight, manufactured by J.R. Clancy Inc. or J.H. Channon, may be submitted. Catalog numbers referenced are to Automatic Devices Co.

B. System shall include 2 pairs of draw curtain tracks and 2 pairs of side tab tracks. Tracks shall be heavy-duty steel curtain tracks, model No. 280 silent steel. Tracks shall be of full-steel construction 14 gage, entirely enclosed, except for slot in bottom, each half to be one continuous piece and free of any riveted, welded or other mechanical joints. Each curtain carrier shall be supported on ball bearings by 2 special composition rubber wheels rolling on 2 separate parallel treads. Pulley blocks shall be furnished with steel ball bearing wheels adequately guarded, model No. 280. Front curtain, speaker's curtain, intermediate draw curtain, rear curtain, and 2 pairs of masking legs shall operate on these tracks. Tracks shall be of sufficient length so drapes, when pulled back, will clear proscenium opening.

1. Draw Curtain Tracks: Each pair of draw curtain tracks shall be one foot greater in length than width specified for particular set of draw curtains, with required allowance for center lap. Tracks for masking legs shall be same length as for speaker's curtains.

2. Carriers: Two 4-wheel, ball bearing master carriers shall be provided for each track, one carrier for each half. A sufficient number of 2-wheel, ball bearing single carriers shall be provided for each track, for spacing on 12-inch centers throughout length of the tracks.

3. Trim Chains: Provide carriers with swivels and trim chains for attaching curtains.

4. Tension Pulleys: 8-inch diameter, housed in steel frame with heavy canvas sandbag attached. These shall be floating type, weighing not less than 25 pounds.

5. Operating Lines: Provide each track with an operating line of 3/8 inch steel core bell cord.

**PART 3 - EXECUTION**

**3.01 EXAMINATION**

A. Examine the Work before installation. Proceed with installation only after unsatis­factory conditions are corrected.

**3.02 INSTALLATION**

A. Install drapery tracks in accordance with manufacturer's installation instructions and Shop Drawings, to provide an installation that is plumb, level, and complete.

B. Hang curtains and draperies straight and even, employing hand sewing of seams and hems as necessary for a carefully matched installation with even hems, smooth operation and quiet mechanism movement.

C. Install draperies to prevent abrasion damage caused by rubbing the track, ceiling, or floor.

D. Installation: Suspend pipe battens and track level, with welded-link chain or 8-gage galvanized steel wire spaced at not more than 4 feet on center and adequately fastened to the structure above.

E. Track and pipe battens shall be supported with welded-link chain adequately fastened to steel loft beams with direct and/or bridle ties spaced as required to prevent bagging, approximately 4 feet on center.

F. Install curtains, draperies, rigging, hardware, and equipment in strict accordance with manufacturer's installation instructions, reviewed Shop Drawings and as specified.

G. Upon completion, draperies and equipment shall be left in perfect, noiseless, and in proper operating condition.

**3.03 ADJUSTING AND CLEANUP**

1. Twenty days after installation of draperies, but before Final Completion, inspect the installation for fabric shrinkage or expansion or other variations and relocate snaps or re-hem as required for conformance to the specified tolerances.
2. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.

**3.04 DEMONSTRATION**

A. Before Substantial Completion, provide a 2 hour Owner instruction period to demonstrate proper operation of draperies.

* 1. **PROTECTION**

A. Protect the Work of this section until Substantial Completion.

**END OF SECTION**