SALT RIVER PROJECT
SECTION 12526
VERTICAL BLINDS

PART 1 GENERAL

1.01 SECTION INCLUDES:
The work of this section shall include all labor, materials, equipment, accessories and services necessary and required to furnish and install all vertical blinds as indicated or specified.

1.02 WARRANTY
A warranty shall be provided that guarantees all louvers against warp, twist, bow, brittleness, shrinkage, stretch, surface change and color change. This guarantee shall be non-prorated and cover all louvers and associated parts for a period of 3 years from the date of installation. The warranty expiration date shall be shown on the blind in a location adjacent to the blind manufacturer's/installer's identification name plate.

1.04 QUALITY ASSURANCE
A. The following specifications are based on "Louver Drape" to establish a product quality standard.
B. Actual measurements shall be taken in the field prior to ordering or fabricating any material.

1.05 SUBMITTALS
A. Submit Product Data Sheets, shop drawings including location/layout plan, directions for installation and anchorage of blinds to other materials, and cleaning, protection, operation and maintenance instructions. The windows and doors.
B. Submit samples of each type, color, finish, and pattern for blind components (drape, head track system, valance, etc.) as indicated by the contract documents.

1.06 DELIVERY, STORAGE AND HANDLING
The vertical blinds shall be delivered to the site after the building is secure and all finishes are complete and the windows are ready for installation of coverings.

PART 2 PRODUCT

2.01 HEAD TRACK SYSTEM
A. The "Louver Drape" traversing and rotating "Zirlon Wheeled System" shall be provided or approved equal.
1. Stack - Each track shall be 5/16" wide and pack when traversed to no more than 5/16" per louver.
2. Wheels - Each track shall traverse on "Zirlon" wheels or approved equal. No glides or sliders shall be allowed.
3. Channel - The channel shall be of extruded and anodized aluminum alloy (comply with ASTM B221, 6063-TS alloy), 1-15/16" wide by 1-7/16" high.
4. End Caps - Each track shall be equipped with "Delrin", or approved equal, control and idler end caps. End caps shall be equipped with covers to enclose sprockets and rotation rod ends. End caps shall have rollers for traverse cord. Location of the traverse cord shall be coordinated with the purchaser.
5. Spacer Links - 1/4" wide flexible stainless steel spacer links shall space and stabilize each truck by passing smoothly between special guide slots in each truck.
6. Louvers - Louvers shall rotate 180°. Pack when traversed into no more than 5/16" per louver. All louvers shall overlap not less than 3/8".
7. Traversing - Blind shall traverse by means of a synthetic traverse cord. The desired
design of left to right, right to left or split shall be coordinated with the Designated
Representative.

8. Rotation - Heat sealed weights in each louver (without chains) shall synchronize and
actuate 180° rotation. Turning a keyed aluminum rod—turns a "Delrin" worm and
"Delrin" spur gear in each truck. Gears shall provide no less than 8 to 1 mechanical advantage
and keep louvers fixed until reset by control. No cord or 1 to 1 ratio mechanisms shall be
allowed.

9. Spacing - No matter what the width of the installation, the louver spacing shall be
evened to eliminate overlap of the last louver.

10. Channel Finish - The head track channel shall be finished to match or blend into the
vertical louver insert or solid vinyl louver.

B. Head Track System Attachment Hardware

The Vertical Drape Installation Contractor shall provide the necessary hardware that allows
outside the window/door frame installation. The intent of the Purchaser shall be coordinated in
the Shop Drawing phase, but generally prefers a continuous non-interrupted appearance in the
valance and drape installation. The installation attaching hardware shall be finished so as to
match the finish of the channel finish.

C. Vertical Louvers with Fabric Inserts and Valance

1. Each louver shall be "Louver Drape's" grooved louver (or approved equal) and extruded
of flame retardant solid vinyl in opaque or translucent material as specified on the
drawings or schedule. Each louver shall contain an insert of "Louver Drapes" flame
retardant fabric as indicated by the contract documents. Each louver shall have heat-
sealed weights without connection chains unless otherwise indicated by the contract
documents.

2. Each louver shall be 3-1/2" in width and a height that extends from floor to ceiling unless
specified otherwise on the drawings or schedule.

3. Each louver shall withstand 140°F heat chamber for thirty minutes without distortion and
with no more shrinkage or stretch than 1/2 of 1%. Louvers shall be permanently flame
resistant.

4. A continuous horizontal valance shall be provided to fully conceal the head track system
and allow for the vertical blind to move freely. The valance shall visually appear
continuous, unless noted otherwise on the drawing and/or schedule and have a finish
that matches the louvers and/or fabric inserts.

PART 3 EXECUTION

3.01 INSTALLATION

A. Installation shall be in conformance with Contract Document requirements, approved shop
drawing installation details, and manufacturer's installation instructions.

B. Each vertical louver suspended from the center of one end shall hang perfectly straight with no
twist, warp, or bow. Edges shall be straight with no rippling, closing perfectly from top and
bottom, and remain neat and sharp in appearance.

END SECTION