(Please remove blue notes before finalizing)

SECTION 11 14 16

PEDESTRIAN CONTROL DEVICES - FREE-STANDING MODULAR WALL PANEL SYSTEM

1. GENERAL
	* + 1. GENERAL PROVISIONS
				1. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 01 - GENERAL REQUIREMENTS which are hereby made a part of this Section of the Specifications.
			2. DESCRIPTION OF WORK
				1. Work Included: Provide labor, materials, and equipment necessary to complete the work of this Section, including but not limited to the following:

Free standing modular wall system consisting of Beltrac® posts and hinged panels allowing subtle and abrupt turns, for separating spaces or creating secure pedestrian areas and pathways.

* + - 1. SUBMITTALS
				1. Product Data: For each type of product.
				2. Shop Drawings: For portable, modular wall panel system.

Include plans, elevations, and sections; attachment details at floors, and method of erection and disassembly.

* + - * 1. Maintenance Data: For demountable partitions to include in maintenance manuals.
			1. QUALITY ASSURANCE
				1. Mockups (When Applicable): Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for fabrication and installation.

Build mockups for demountable partitions including accessories.

Size: Actual size.

Each type of exposed construction.

Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Designer specifically approves such deviations in writing.

Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

* + - * 1. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Division 01.
			1. DELIVERY, STORAGE, AND HANDLING
				1. Store and handle posts and panels per manufacturer's written instructions and recommendations.

Protect from weather, and active construction.

* + - 1. FIELD CONDITIONS
				1. Finished Spaces: Do not deliver or install demountable modular wall panel systems until finishes in spaces to receive them are complete, including suspended ceilings, floors, carpeting, and painting.
1. PRODUCTS
	* + 1. MANUFACTURERS
				1. Acceptable Manufacturers:

Lavi Industries.

* + - 1. FREE-STANDING MODULAR WALL PANEL SYSTEM
				1. Basis of Design: Modular and Portable Panel Wall Solution as manufactured and supplied by Lavi Industries
				2. Stanchions: Beltrac® Posts. Patented grooved post design to accept panels.

Post Material: Extruded aluminum posts. 4 equidistant dovetail grooves along length of posts.

Post Diameter: 2.75 inches diameter.

Overall Height: [**40 inches**] [**52 inches**] [**66 inches**] [**72 inches**] [**84 inches**] [**96 inches**]

Panel connection from multiple sides or any side

Stanchion Base:
[**14 inch diameter, heavy base with plastic or metal cover plate, 2 inch total depth**]
[**18 inch diameter, flat base with metal cover, 3/8 inch total depth**]
[**5.5 inch diameter, magnetic base with floor plate, 1/2 inch total depth**]
[**7.5 inch diameter, magnetic base with floor plate, 1/2 inch total depth**].

Finish: [**Satin Anodized**] [**Black**].

* + - * 1. Wall Panels: Hinged solid-state single panel construction

Extruded aluminum framed panel. Corners: Mitered.

Panel Width: **[49.50 inches. Stanchion post center to center: 52.50 inches.]**
**[45 inches. Stanchion post center to center: 48.00 inches.]**

Panel Height (Must be shorter than: Stanchion post height minus Base depth):
**[30 inches] [36 inches] [40 inches] [48 inches] [60 inches] [72 inches] [Custom]**

Panel Height from Floor: **[Minimum 1/2 inch] [Maximum 27 inches]**

Panel insert (If applicable, please note upper *and* lower panel material):
**[1/4 inch clear acrylic *[upper] [lower]* panel]
[1/4 inch frosted acrylic *[upper] [lower]* panel]
[1/4 inch black Sintra *[upper] [lower]* panel]**

Panel Horizontal Structural Support (Required for panels 72 inches tall or taller. Remove Section 2.2 C 6 if not needed). Mounts to Vertical sides of frame and separates the upper and lower panels.

Horizontal Structural Support position: **[33% of total panel height] [50% of total panel height]**

Panel Hinges:

Low profile. Embedded into frame. 3/16 inch maximum gap between frame and stanchion post.

Swivel: Laterally greater than 90 degrees in any increment and direction.

Connects frame to posts without any tools and without inhibiting panel rotation

Swivel hinges embedded on both vertical sides of the panel frame.

Hinges swivel.

Finish: [**Satin Anodized**] [**Black**].

1. EXECUTION
	* + 1. EXAMINATION
				1. Examine and confirm substrates are ready to receive modular wall panel system.
			2. INSTALLATION, GENERAL
				1. Install per manufacturer’s written instructions.
				2. The swivel hinges on the panels fit into the grooves on the Beltrac posts.
				3. Position posts and panels as detailed on the Drawings.
			3. CLEANING
				1. Clean per manufacturer’s written instructions

END OF SECTION