

ARCHITECTURAL L.O.U.V.E.R.S

266 West Mitchell Ave - Cincinnati, OH 45232
PH: (888) 568-8371 Fax: (888) 568-8370

Quotation

1014231

Quote Date 10/27/2014

Sender Name Heather Williams
Phone Number: (888) 568-8371

Job Name

Scratch DC

Washington, DC

Company Name: Trinity Group Construction Inc

Contact Name Maureen W

Contact Phone (703) 707-0300

Contact Fax: (703) 707-2018

Specification Section: on plan A210

Addenda Received:

Bid Date:

LINE ITEMS WITH DETAIL All Dimensions in Inches

#	Qty	Width	Height	Model	Product Type	Notes	Tag ID	Unit Price	Total Price
1	4	18.79	120.50	V6JN3 6" Deep 25° Narrow N Bl	Equipment Screen Roof Top				
Product Specifications and Options Included: Hidden Mullion (Architectural); Mitered Corner (90° Angle); Rear Frame (Concealed); Clip Mounting Angles (shipped loose); Kynar (2 coat) Std. Color; Color: TBD; .081" Blade & .125" Frame; Extruded Aluminum (Std); 30 PSF; Structural Framing Not Included; 0" Undercut;									
2	2	900.00	120.50	V6JN3 6" Deep 25° Narrow N Bl	Equipment Screen Roof Top				
3	2	474.00	120.50	V6JN3 6" Deep 25° Narrow N Bl	Equipment Screen Roof Top				
Product Specifications and Options Included: Hidden Mullion (Architectural); Standard Rectangular; Rear Frame (Concealed); Clip Mounting Angles (shipped loose); Kynar (2 coat) Std. Color; Color: TBD; .081" Blade & .125" Frame; Extruded Aluminum (Std); 30 PSF; Structural Framing Not Included; 0" Undercut;									
8	Total Qty		2,362.4	Total Sq Ft					

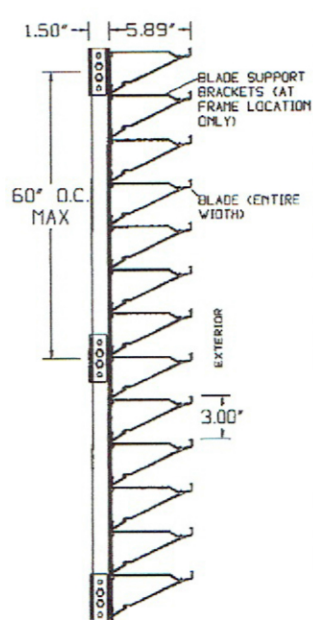
QUOTE IS FOR MATERIALS ONLY and is valid for 60 days. Shipping charges are included in the quotation to destinations within the Continental US. Shipping method is at our discretion and the terms are FOB factory, full freight allowed to destination. Additional charges apply if delivery notification, expedited production, or expedited freight are requested. EXCLUDES: taxes, mica or metallic colors, installation, and some installation hardware unless otherwise noted.

Total Lot Price: \$70,415.00

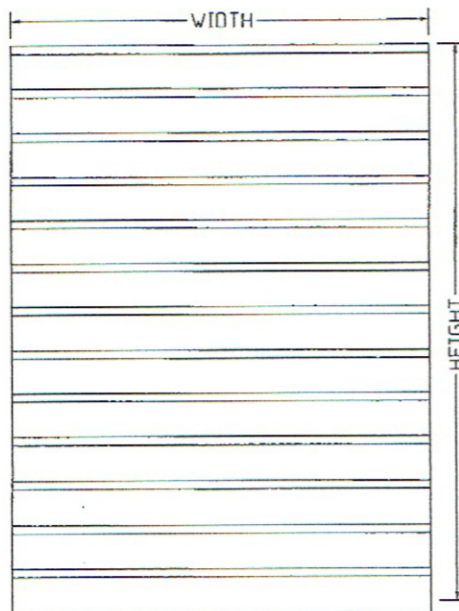
LEAD TIME = 4-5 weeks

- SHOPS 1 week
- LEAD 4-5 weeks
- install

V6JN3 - 6" DEEP 25 DEGREE NARROW N BLADE 3" SPACING EXTRUDED ALUMINUM LOUVERED EQUIPMENT SCREEN



SECTION VIEW



ELEVATION VIEW

BLADE - 0.081" THICKNESS TYPE
6063-T5 EXTRUDED ALUMINUM
FRAME - CONCEALED 0.125"
THICKNESS TYPE 6063-T5 EXTRUDED
ALUMINUM

DESIGNED FOR 30 PSF WIND LOAD

SIZES 12" WIDE X 12" HIGH UP TO
UNLIMITED SIZE AVAILABLE

OPTIONS:

HIGHER WIND LOAD RATINGS

ARCHITECTURAL FINISHES

NOTE:

STRUCTURAL FRAMING TO SUPPORTING
STRUCTURE (ROOF DECK, WALLS,
CONCRETE PAD, ETC.) BY OTHERS.
STRUCTURAL FRAMING IS REQUIRED
FOR ATTACHMENT POINTS EVERY 60"
OF WIDTH AND HEIGHT TO MEET 30
PSF WIND LOAD.

END PANEL	BLADE STIFFENER	VERTICAL MULLION (MULTIPLE PANELS WIDE)	MITERED OUTSIDE CORNER
BLADE SUPPORT BRACKETS EXTERIOR 1.25" STIFFENER HIDDEN	BLADE SUPPORT BRACKET EXTERIOR 1.25" STIFFENER (EVERY 60" WIDTH MAX) HIDDEN	BLADE SUPPORT BRACKET EXTERIOR 1.25" STIFFENERS (JOINED BY INSTALLER) HIDDEN	BLADE SUPPORT BRACKETS EXTERIOR 9.39" CORNERS MITERED AND WELDED 1.25" STIFFENERS (JOINED BY INSTALLER) HIDDEN
TYPICAL MOUNTING (VERTICAL MULLION SHOWN)	HORIZONTAL MULLION (MULTIPLE PANELS HIGH)		
EXTERIOR BLADE SUPPORT BRACKETS 1.50" 5/16" SS FASTENERS (PROVIDED LOOSE) 1-1/4" X 2" X 3-1/4" LONG CLIP ANGLE (PROVIDED LOOSE) FASTENER TO STRUCTURAL (BY OTHERS) STRUCTURAL FRAMING (BY OTHERS) HIDDEN	STIFFENERS (JOINED BY INSTALLER) EXTERIOR HIDDEN		
ARCHITECTURAL LOUVERS 266 W Mitchell Ave - Cincinnati, OH 45232 PH: (888) 568-8371 Fax: (888) 568-8370		PROJECT	
		CONTRACTOR	
		ARCHITECT	
DRAWN BY: JRR		DATE: 01/2012	DRAWING TYPE: TECHNICAL SHEET
			DRAWING TITLE: V6JN3

MODELS:

V2xx, V4xx, V6xx

1. The structural framing shall be designed to support both the equipment screen gravity loads and all live load forces (i.e. wind loads) transferred through the equipment screen assembly. The structural framing shall be designed, provided, and installed by others.
2. The standard equipment screen assembly is designed for 30 lbs per square foot wind loading. Higher capacity designs are available but may require modifications to mullion spans, mullion spacing, size of screen framing, or the span between mounting points (consult Architectural Louvers for design assistance). All Intermediate blade stiffeners and mullion framing require support from the structural framing. Refer to the charts below for the attachment locations required for each screen model.
3. Vertical and/or horizontal framing members may be used to accommodate the screen attachment locations. The location of the screen assembly will generally dictate which method is best for your application.

Rooftop Location:

For screens on rooftops, minimizing roof penetrations is typically desirable. This can be achieved by using a combination of vertical and horizontal structural framing members. Horizontal members at the appropriate spans allow for attachment of the equipment screen wherever necessary. As such, the verticals are only necessary to support the horizontals and can be spaced as far apart as the structural framing calculations will allow. This method allows for equal size screen panels and a simplified screen installation.

Ground Level / Concrete Pad Location:

For screens at ground level, the number of vertical structural framing members is typically not a concern. To save framing cost, horizontal structural framing members may be eliminated in favor of more verticals. Under this method, it is recommended that vertical structural framing members be spaced evenly to minimize installation complications and cost.

4. Refer to Equipment Screen Installation Instructions (ES-1 or ESF-1) for supplemental information.

		Wind Load (psf)													
		30	40	50	60	70	80	90	100	110	120	130	140	150	
Model		Max "A"	* Max "B"	Max "A"	Max "A"	Max "A"	Max "A"	Max "A"	Max "A"	Max "A"	Max "A"	Max "A"	Max "A"	Max "A"	
V2KS		48"	60"	44.5"	41"	39"	37"	35"	34"	33"	32"	31"	30"	29.25"	
V4JS		60"	60"	56"	52"	49"	46.5"	44.5"	43"	41.5"	40"	39"	38"	37"	
V4YH		96"	60"	96"	90"	82"	76"	71"	67"	64"	60"	58"	56"	54"	
V6JN		60"	60"	56"	52"	49"	46.5"	44.5"	43"	41.5"	40"	39"	38"	37"	
V6JF		60"	120"	60"	60"	60"	60"	60"	60"	60"	54.5"	50"	46"	43"	
		96"	60"	96"	96"	96"	96"	96"	96"	96"	96"	96"	96"	96"	

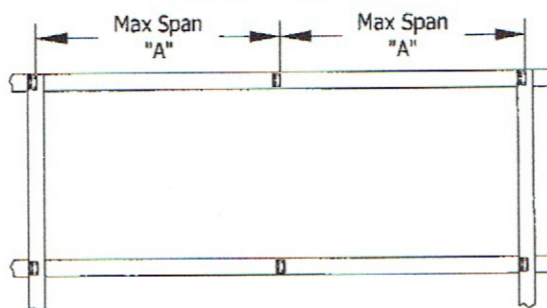
* MAX "B" DOES NOT CHANGE WITH PRESSURE. MULLIONS WILL BE MODIFIED AS REQ'D BY THE MANUFACTURER.

		Wind Load (psf)												
		30	40	50	60	70	80	90	100	110	120	130	140	150
Model	*Max "A" Max "B"	Max "B"	Max "B"	Max "B"	Max "B"	Max "B"	Max "B"	Max "B"	Max "B"	Max "B"	Max "B"	Max "B"	Max "B"	Max "B"
V4YV	60" 96"	96"	90"	82"	76"	71"	67"	64"	60"	58"	56"	54"	52"	

* MAX "A" DOES NOT CHANGE WITH PRESSURE. MULLIONS WILL BE MODIFIED AS REQ'D BY THE MANUFACTURER.

Verticals & Horizontals

Elevation View
Structural Framing (by others)

Verticals Only

Elevation View
Structural Framing (by others)

