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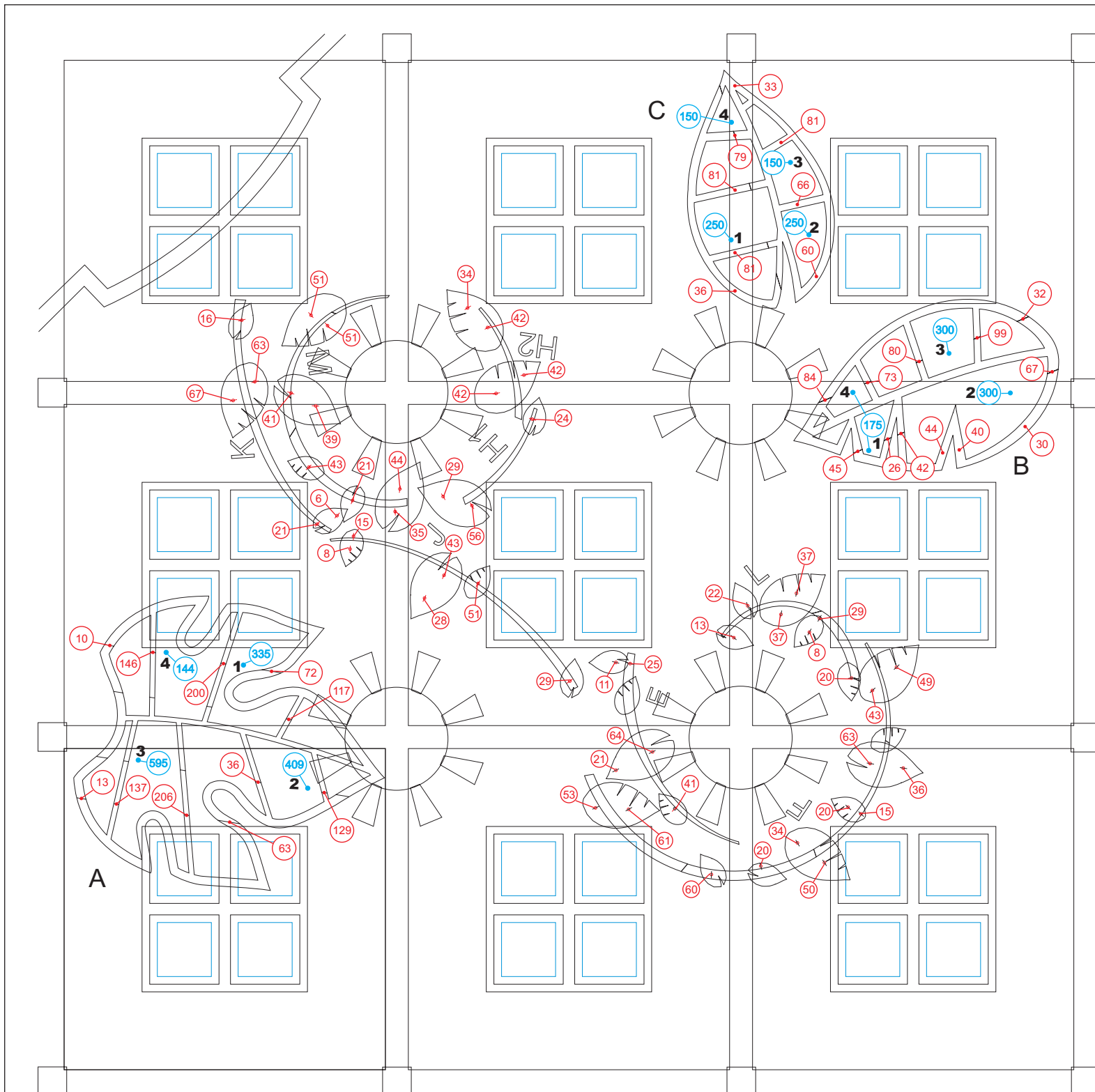
C

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A



Plan View, with reflected ceiling.

Structural Engineering Notations:

These loads are based on elements being on a flat plain (level or sloping). If, during erection, a variation from the flat plain occurs there will be changes in the indicated hanger loads.

Ceiling Leaves Totals:
Total Pounds with Total Points

A = 1,129 lbs with 15 points
B = 662 lbs. with 16 points
C = 517 lbs. with 12 points

Ceiling Leaves Totals:
With "Lifting Frame Attached"

A = 1,483 lbs
B = 950 lbs.
C = 800 lbs.

Ceiling Vines and Leaves Totals:
Total Pounds with Total Points

E = 167 lbs. with 5 points
F = 504 lbs. with 12 points
H1 = 109 lbs. with 8 points
H2 = 169 lbs. with 4 points
J = 174 lbs. with 6 points
K = 163 lbs. with 5 points
L = 166 lbs. with 7 points
M = 325 lbs. with 8 points

Loads increase 5% for hanger hardware allowance.

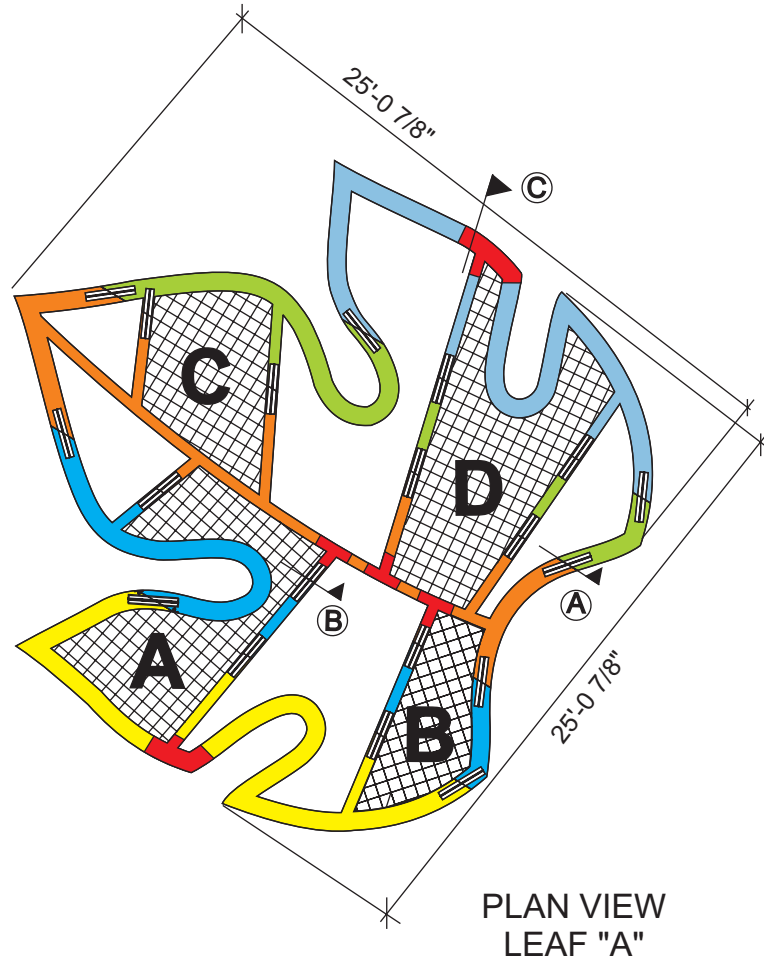
Total all points: 93

Includes:

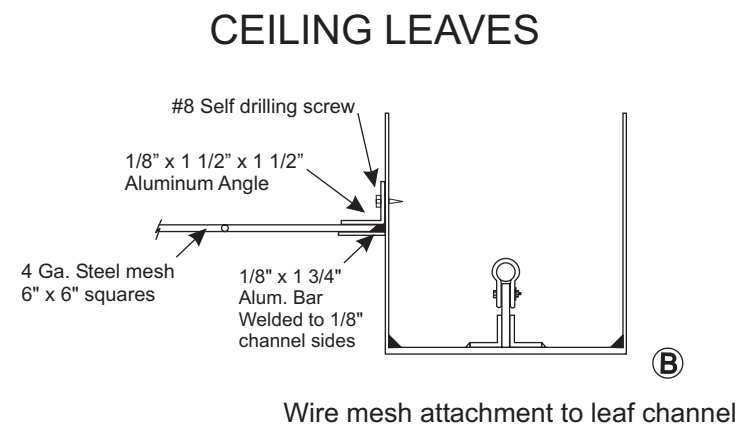
- 1. Ceiling Leaves
- 2. Ceiling Vines
- 3. Lifting points for Ceiling Leaves

Permanent ● = Cable suspension points
Temporary ● = Lifting points

CONTRACT No.		CINNABAR			
		<small>4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com</small>			
APPROVALS	DATE	Ceiling Leaves and Ceiling Vines and Leaves "Suspension and Lifting Points"			
DRAWN Jake La Fond	2/26/04				
CHECKED					
ISSUED	2/26/04				
DO NOT SCALE DRAWING		SIZE D	CAGE CODE	DWG NO. 3504-003	REV 2
		SCALE No Scale FILE		SHEET	

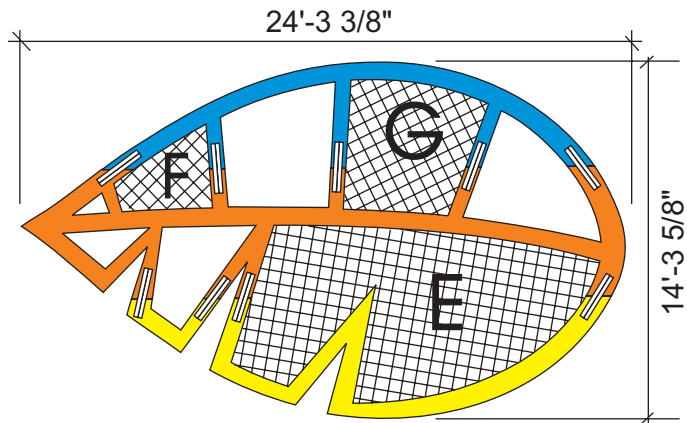


PLAN VIEW LEAF "A"

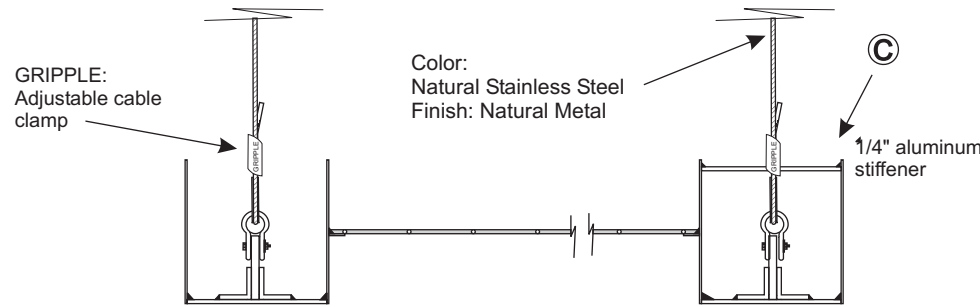


CEILING LEAVES

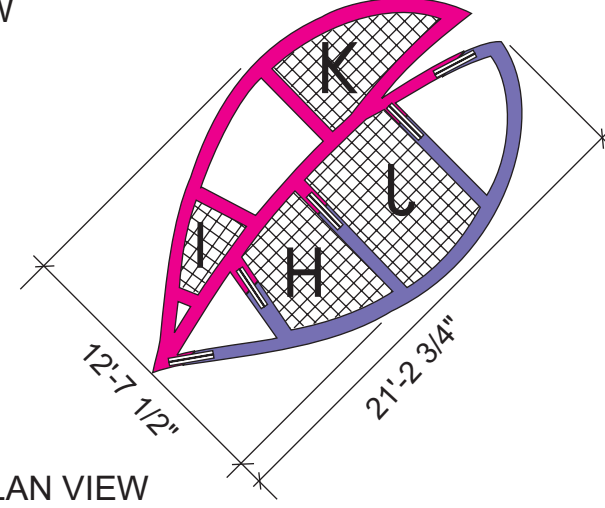
Wire mesh attachment to leaf channel



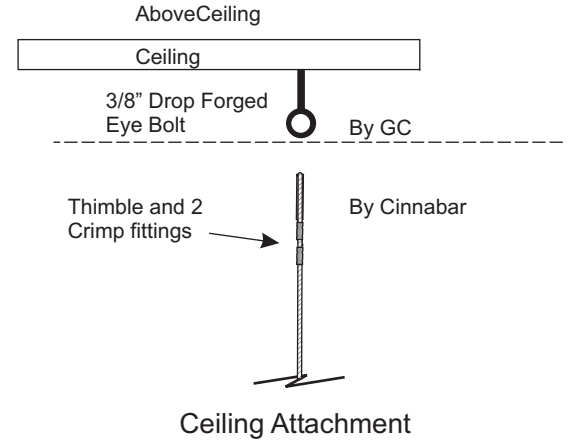
PLAN VIEW LEAF "B"



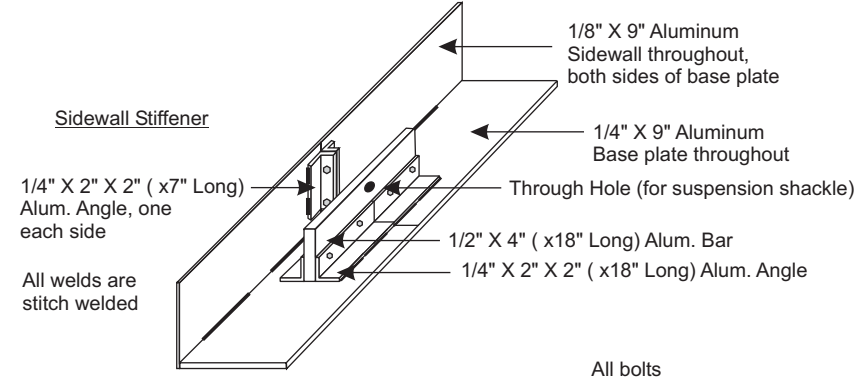
Suspension Detail



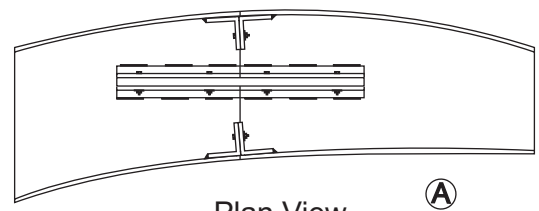
PLAN VIEW LEAF "C"



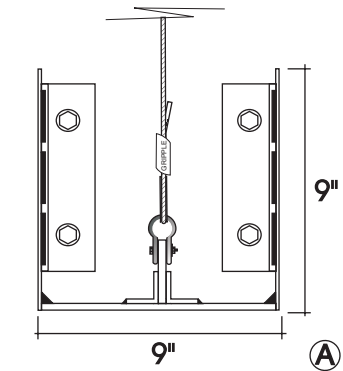
Ceiling Attachment



Typical seam detail




Plan View



End View (at seams)

- COLOR - TYP.:**
- All leaf an mesh parts painted to match SW 6962 "Dazzle" blue Matthews "satin" finish
 - All cable painted white.
 - All colors on drawing represent individual elements shipped for assembly on site.

CONTRACT No.		 4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com		
APPROVALS				
MATERIAL	DRAWN Jake La Fond	2/23/04		CEILING LEAF "A, B and C" Fabrication Details
FINISH	CHECKED			
DO NOT SCALE DRAWING		ISSUED	2/23/04	SIZE D CAGE CODE DWG NO. 3504-001 REV
		SCALE No Scale	FILE	SHEET

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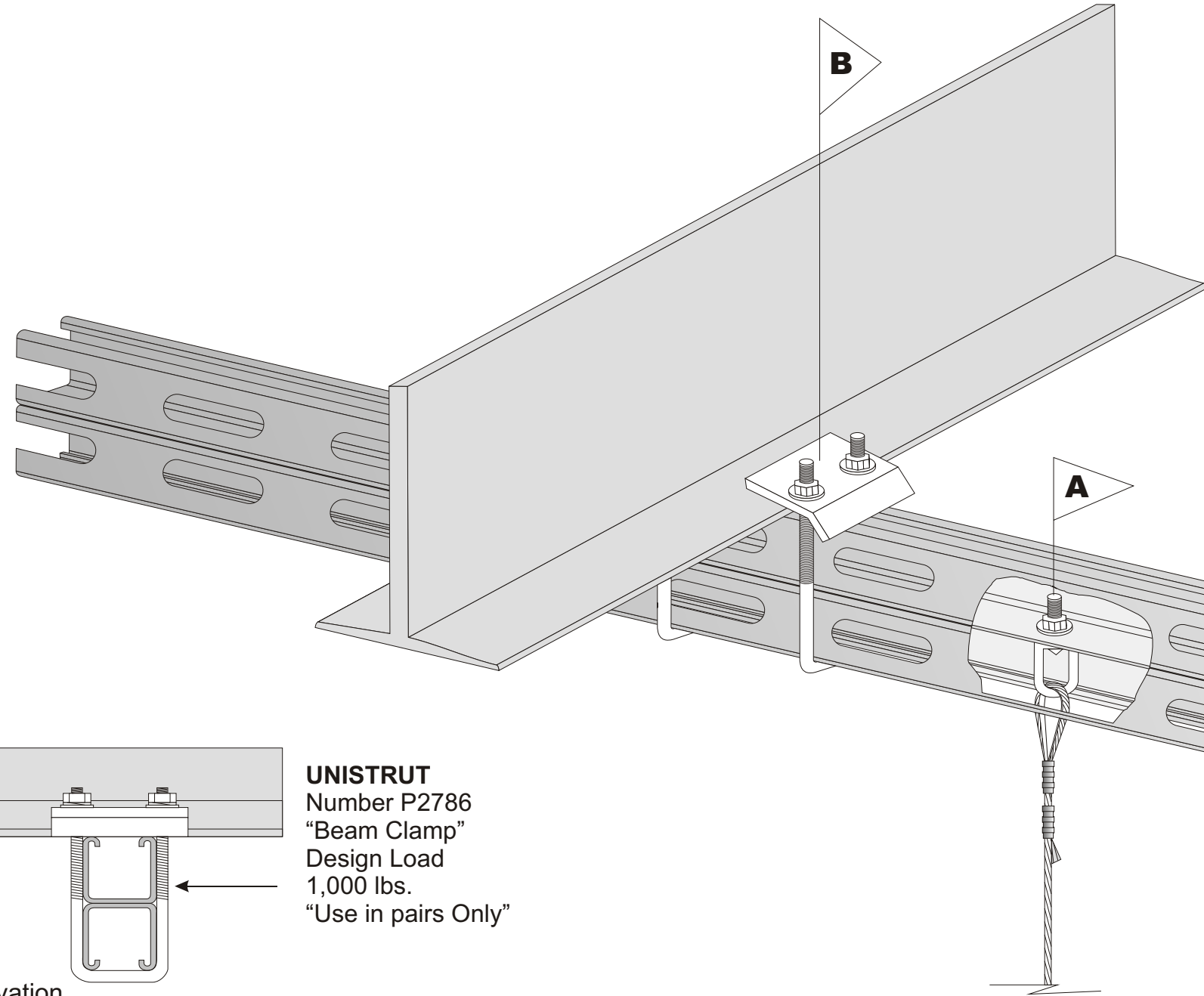
C

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B

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A



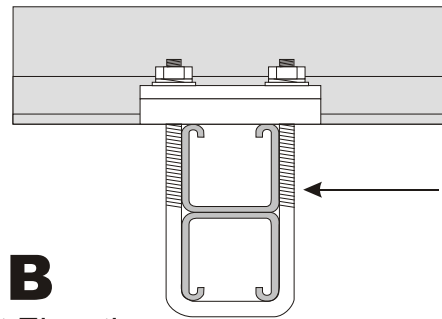
UNISTRUT
 Number P1001
 Allowable Moment
 14,390 in-lbs
 12 Gauge Nom.
 Thickness .105"

UNISTRUT
 Number M2350
 "Swivel Hanger"
 Design Load
 600 lbs.

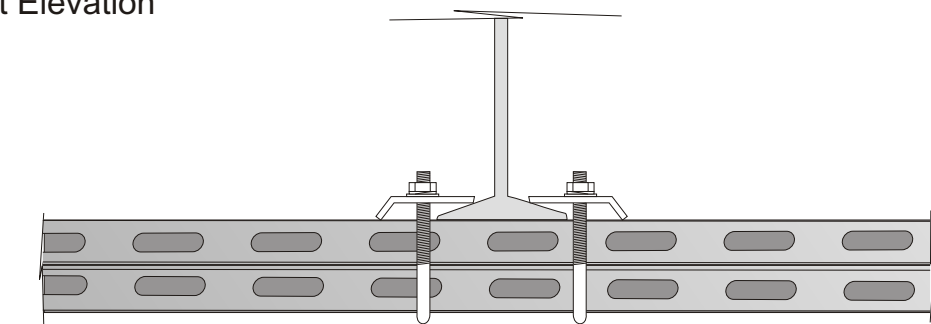
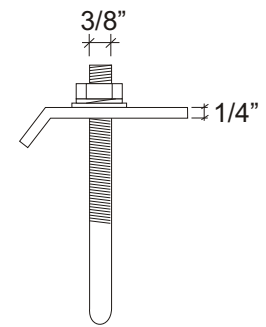
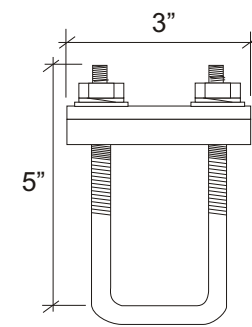
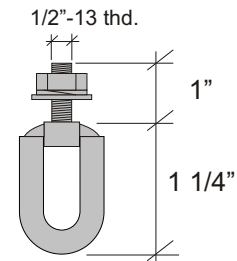
Thimble
 Double Nichropress
 Fittings

1/8" Stainless
 Aircraft Cable
 Rated at 2,000 lbs.

A



UNISTRUT
 Number P2786
 "Beam Clamp"
 Design Load
 1,000 lbs.
 "Use in pairs Only"



Side Elevation

		CONTRACT No.		Cincinnati Mills / Development Office 958 Forest Fair Drive Cincinnati, OH 45240 p. 513 671-4707 f. 513 671-4750			
		APPROVALS		DATE		Ceiling Attachment Points Leaves and Vines	
MATERIAL		DRAWN		6/17/04			
FINISH		CHECKED					
		ISSUED		SIZE	CAGE CODE	DWG NO.	REV
DO NOT SCALE DRAWING				D		MILLS - 001	
				SCALE	No Scale	FILE	SHEET

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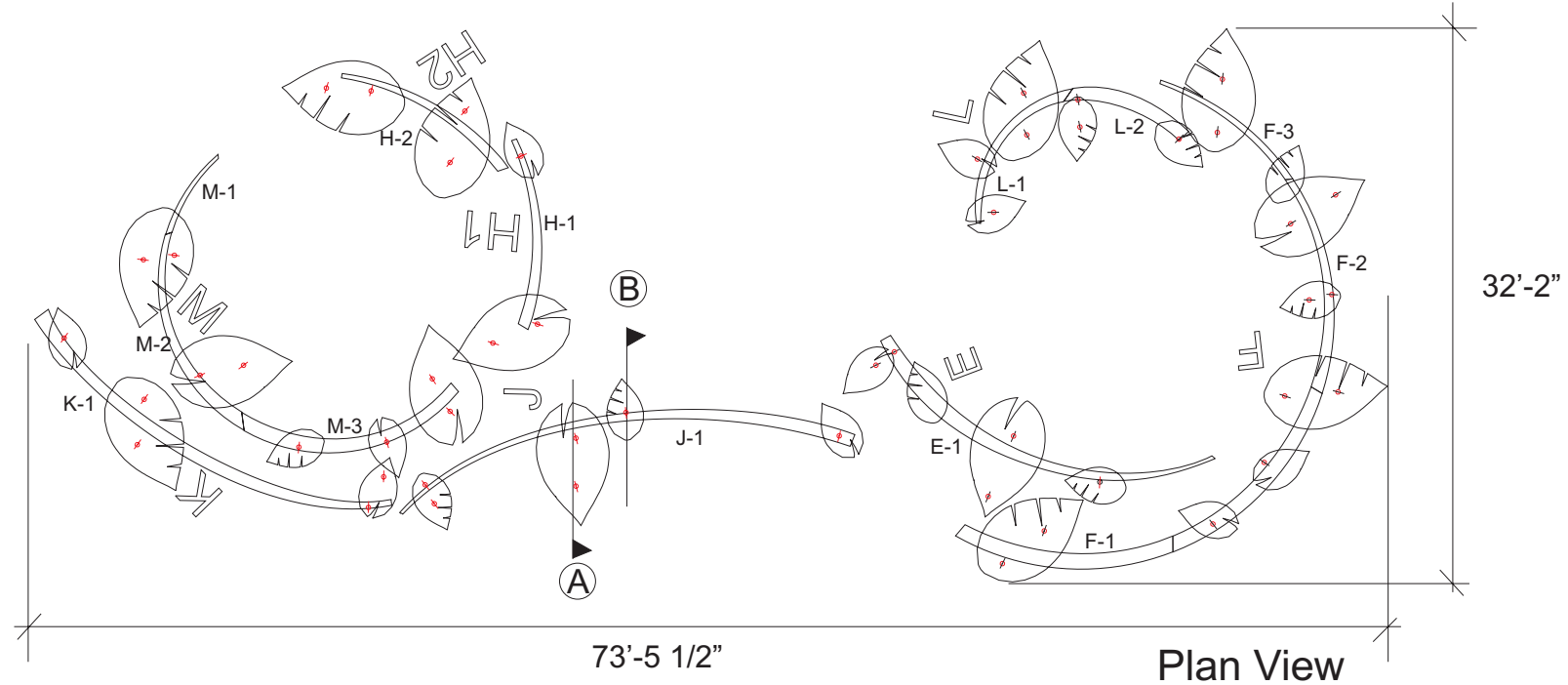
C

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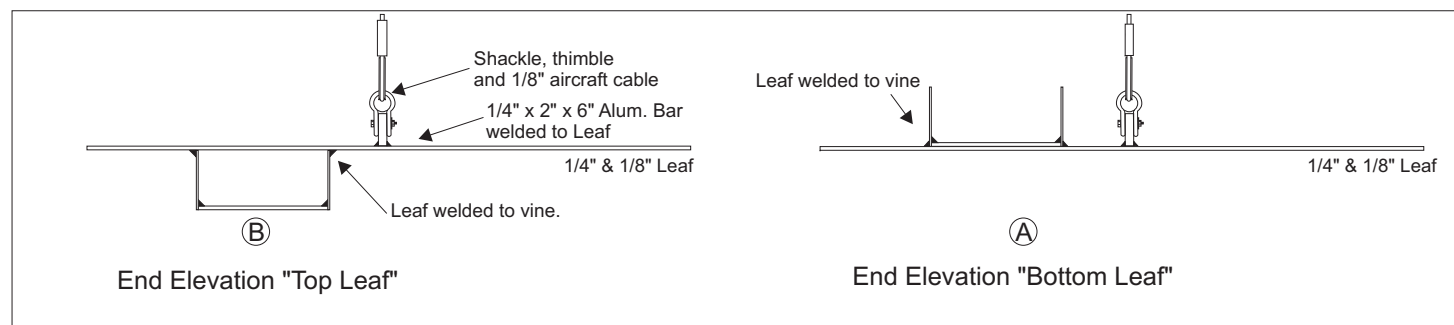
A



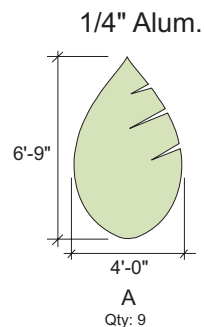
Small letters=Element components
Large letters=Primary Elements

CEILING VINES

- COLOR - TYP.:**
- All vine parts painted to match SW 6962 "Dazzle" blue Matthews "satin" finish
 - All leaf parts painted to match SW 6430 "Great Green" green Matthews "satin" finish
 - All cable and suspension hardware natural finish.



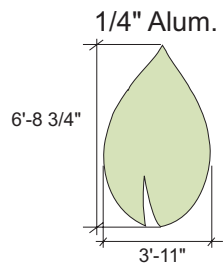
LEAF ATTACHMENT



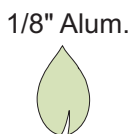
A Qty: 9



B Qty: 10

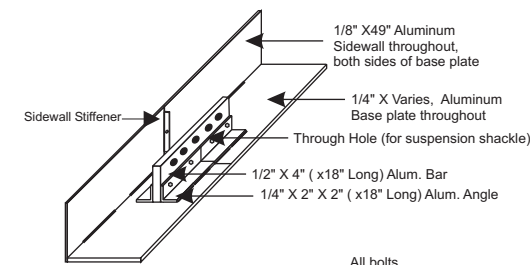


C Qty: 6



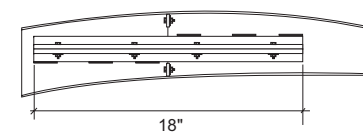
D Qty: 13

Leaf Sizes

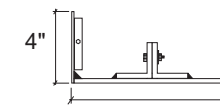


Typical bolt up connection

All bolts are 3/8"

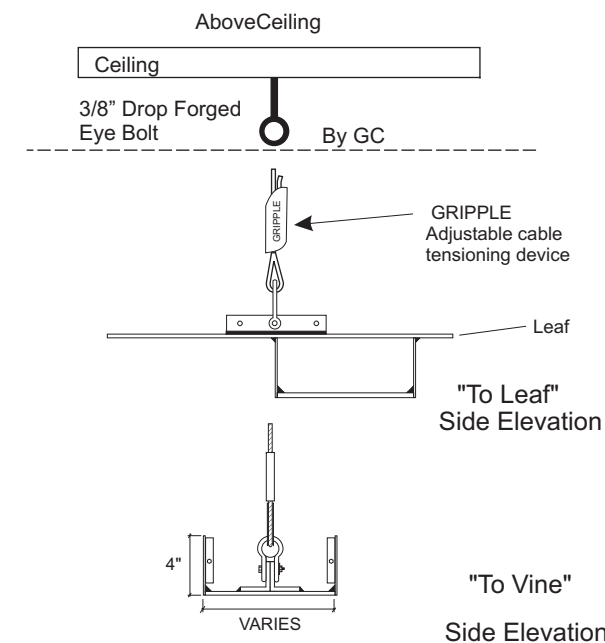


Plan view at bolt up connections




VARIES

FABRICATION DETAILS



HANGING DETAILS

		CONTRACT No.		 4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com			
		APPROVALS					
MATERIAL		DRAWN Jake La Fond		2/23/04		Ceilng Vines Fabrication Details	
FINISH		CHECKED					
DO NOT SCALE DRAWING		ISSUED		2/23/04			
		SCALE No Scale		FILE		SHEET	

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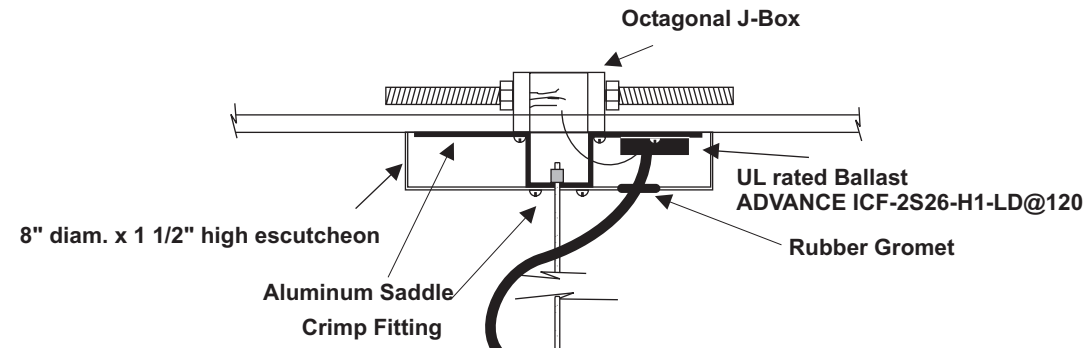
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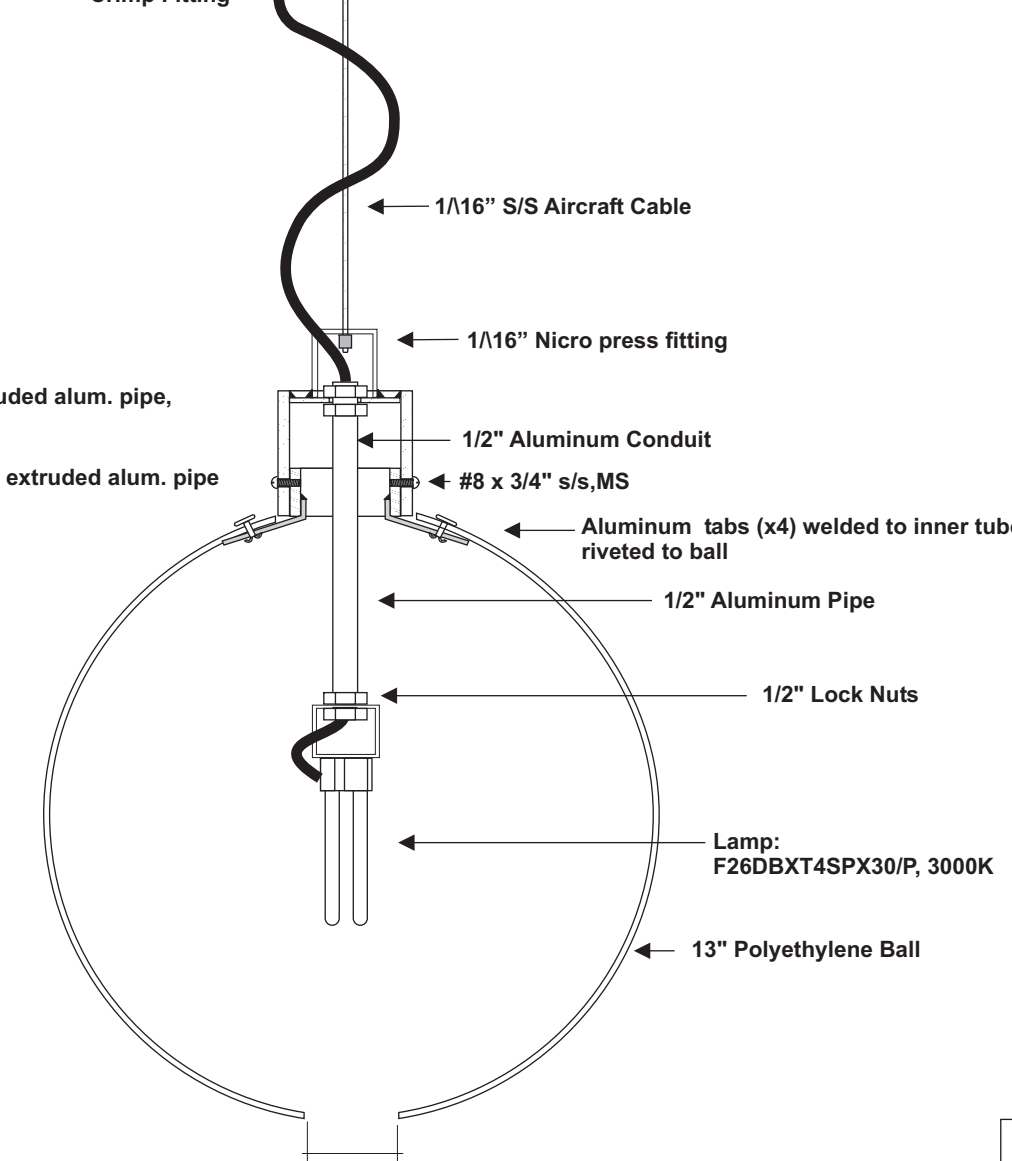
A



Qty: 5 at 1'-0"

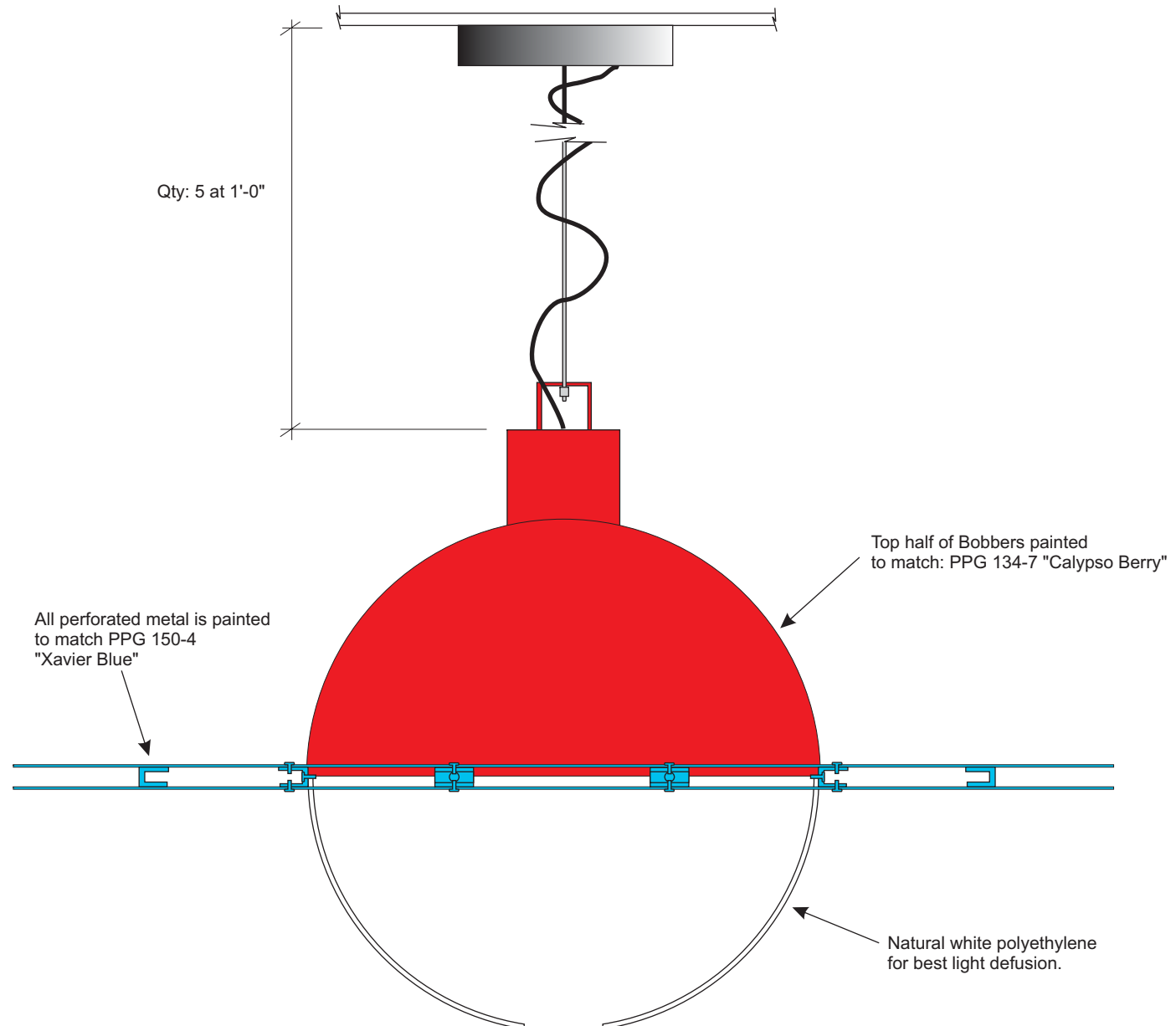
OUTER PIPE - 3", Sch 40, extruded alum. pipe, with 1/8" welded cap

INTERNAL PIPE - 2 1/2", Sch 40, extruded alum. pipe



3' Diameter Opening

18" Bobber Lights



All perforated metal is painted to match PPG 150-4 "Xavier Blue"

Top half of Bobbers painted to match: PPG 134-7 "Calypso Berry"

Natural white polyethylene for best light diffusion.

		CONTRACT No.		CINNABAR			
				4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com			
		APPROVALS		DATE			
MATERIAL		DRAWN Jake La Fond		2/23/04			
		CHECKED					
FINISH		ISSUED		2/23/04		SIZE D	
DO NOT SCALE DRAWING				SCALE No Scale		FILE SHEET	
				DWG NO. 3504-011		REV 1	

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See Drawing "24-48 Bobber Suspension 018" for final connection, above this point, to mullions

Aluminum Saddle
Crimp Fitting at four cable connection points

UL Ballast
ADVANCE #VEL-2TTS39 @ 277v
Rubber Gromet

OUTER PIPE - 10" OD, Custom fabricated pipe
6061 Aluminum, 1/4" wall, 9 1/2" ID
with 1/4" welded cap
INNER PIPE - 9 1/2" OD", Custom fabricated pipe
6061 Aluminum, 1/4" wall, 9" ID

Power Cable
1/2" alum. BAR
Decorative swirl, welded to top
1/8" S/S Aircraft Cable

#8 x 3/4" s/s,MS

.125 alum tabs (x4) welded to inner tube,
riveted to ball

1/2" Aluminum Pipe

48" Polyethylene Ball

UL Lamp:
General Electric Lighting
F39DBXSPX30RS, 3000K
(Qty: 2)

6" Opening

48" Bobber Lights

1 at 6'-11 1/4"
1 at 5'-11 1/16"
All Bobbers come
pre-cabled for
installation.

All suspension
hardware painted:
Matthews satin aluminum

Top half of Bobbers painted
to match: PPG 134-7 "Calypso Berry"

All perforated metal is painted
to match PPG 150-4
"Xavier Blue"

Natural white polyethylene
for best light defusion.

		CONTRACT No.		CINNABAR			
		APPROVALS		DATE		4551 L.B. McLeod Rd. Orlando, Fl 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com	
MATERIAL	DRAWN	Jake La Fond		2/23/04		48" Bobber Lights	
FINISH	CHECKED			SIZE	CAGE CODE	DWG NO.	REV
	ISSUED			D		3504-015	1
DO NOT SCALE DRAWING				SCALE	No Scale	FILE	SHEET

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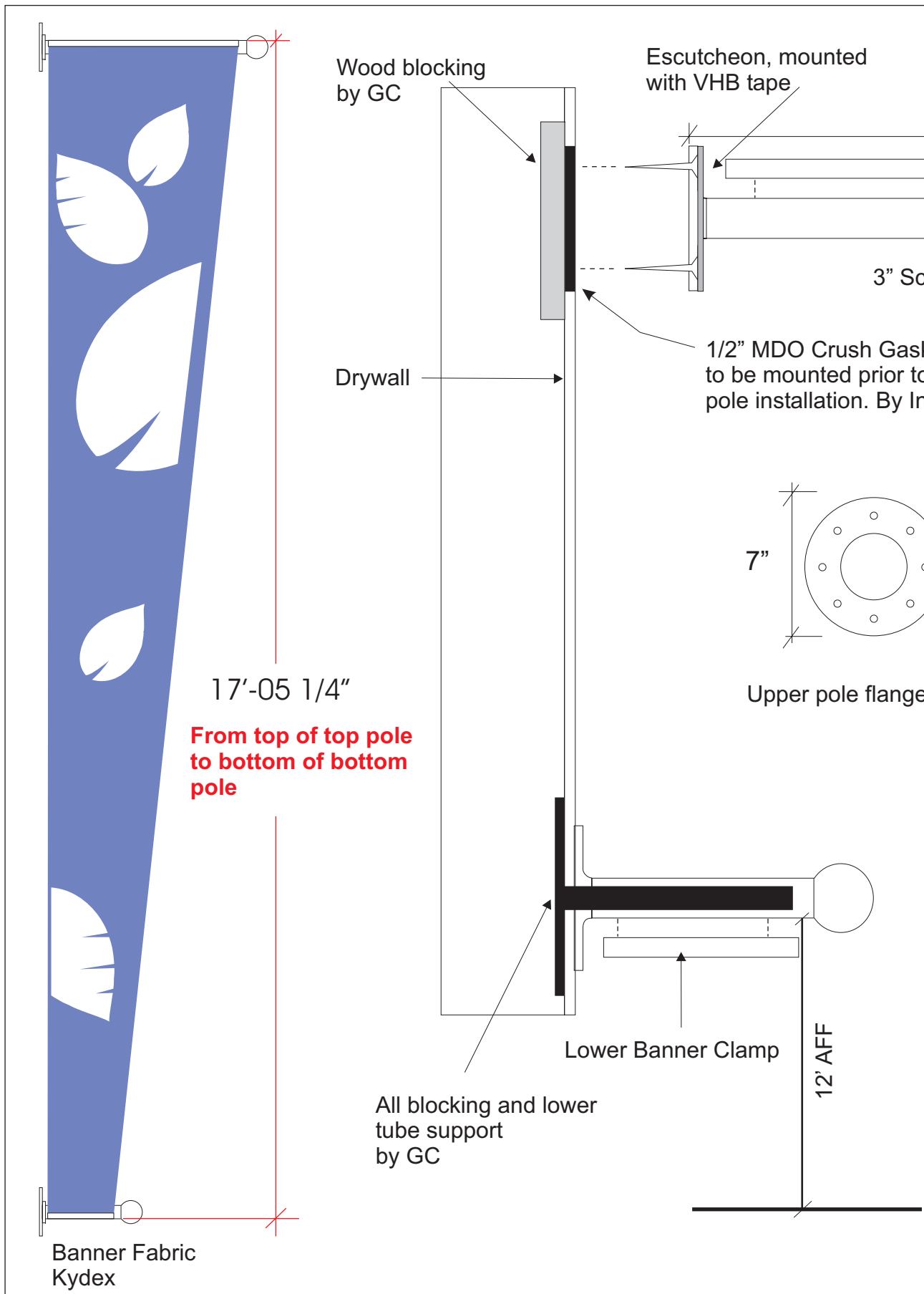
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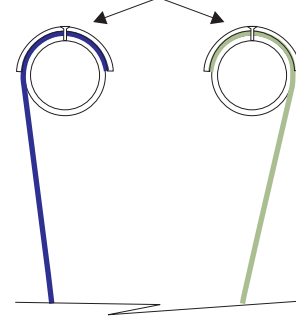
A



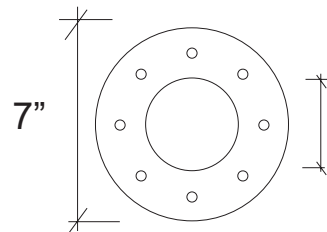
17'-05 1/4"
From top of top pole
to bottom of bottom
pole

All blocking and lower
tube support
by GC

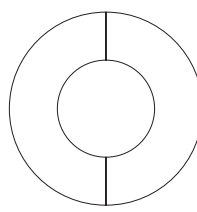
1/4 - 20 Machine Screws (x3 per top pole)



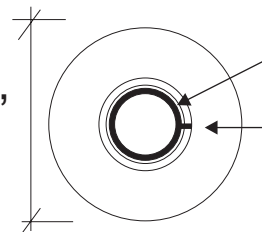
UPPER - Banner mounting system



Upper pole flange (x2)

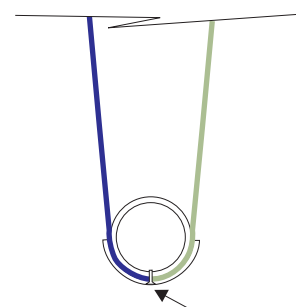


Escutcheon Plates



Lower pole flange (x1)

Tube support by GC
Locking set screw



LOWER - Banner mounting system

		CONTRACT No.		<div style="text-align: center; background-color: red; color: white; padding: 5px;">CINNABAR</div> <small>4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com</small>					
		APPROVALS						DATE	
MATERIAL	DRAWN Jake La Fond		5/13/04		<h3>Banner Flags Pole Fabrication</h3>				
FINISH	CHECKED								
DO NOT SCALE DRAWING		ISSUED		5/13/04		SIZE D	CAGE CODE	DWG NO. 3504-019	REV
						SCALE No Scale	FILE	SHEET	

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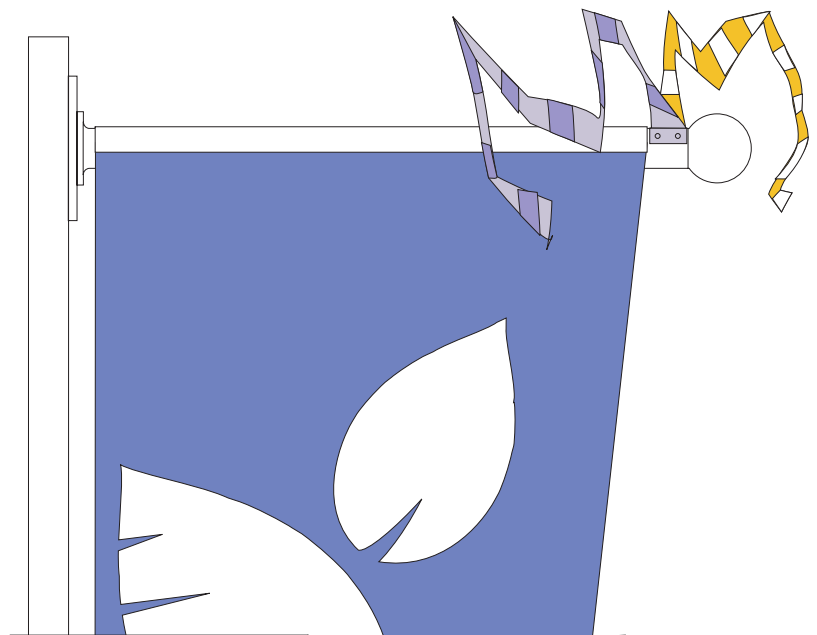
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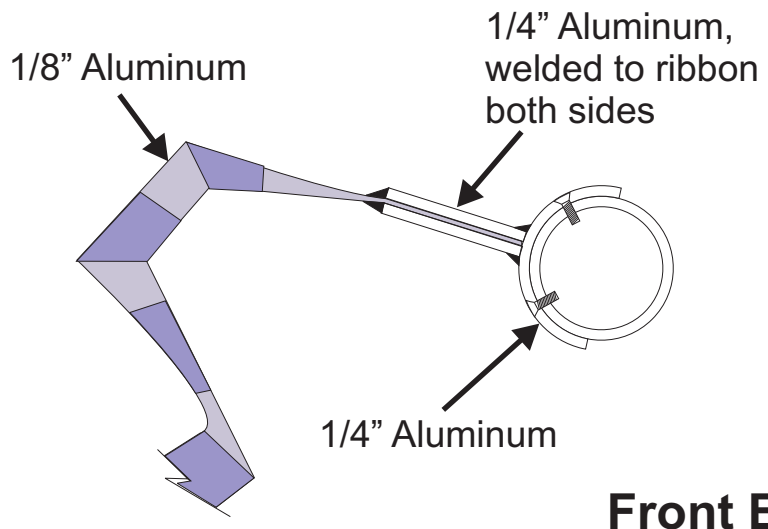
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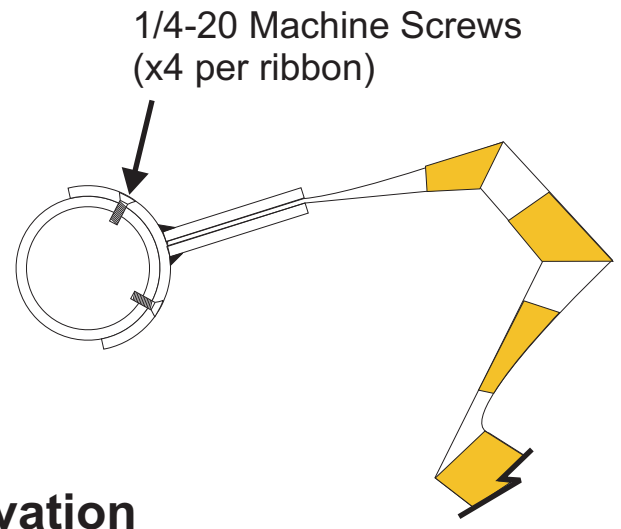
D
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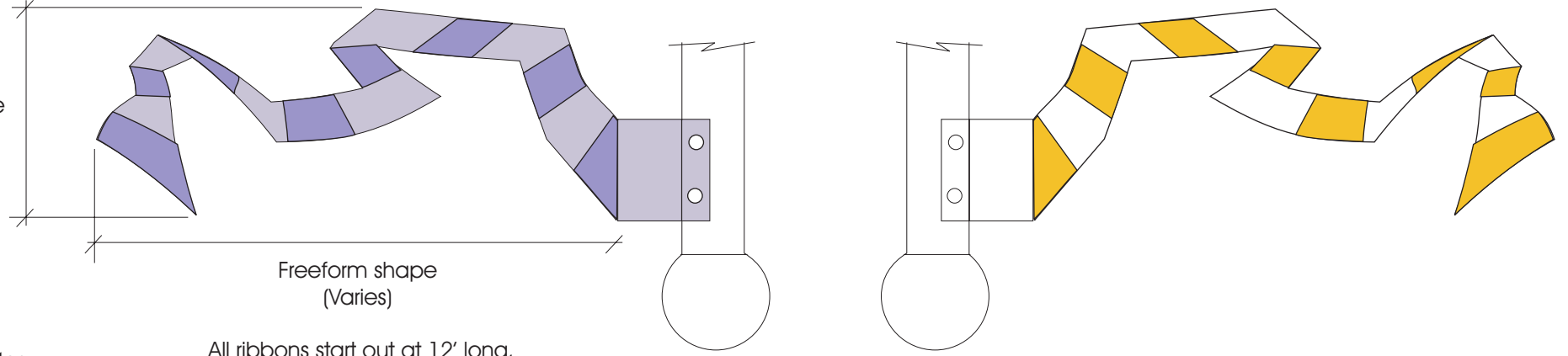
Side Elevation



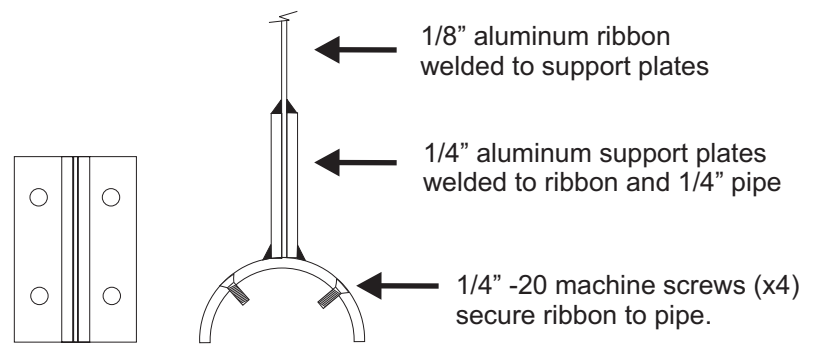
Front Elevation



Freeform shape (Varies)



Plan View



Top View Front View

Ribbon connection to pole.

No Scale

		CONTRACT No.		<div style="background-color: red; color: white; padding: 2px; text-align: center; font-weight: bold; font-size: 1.2em;">CINNABAR</div> <small>4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com</small>					
		APPROVALS						DATE	
MATERIAL		DRAWN Jake La Fond		5/13/04		Banner Flags Ribbon Fabrication Details			
FINISH		CHECKED							
DO NOT SCALE DRAWING		ISSUED		5/13/04		SIZE D	CAGE CODE	DWG NO. 3504-020	REV
						SCALE No Scale	FILE	SHEET	

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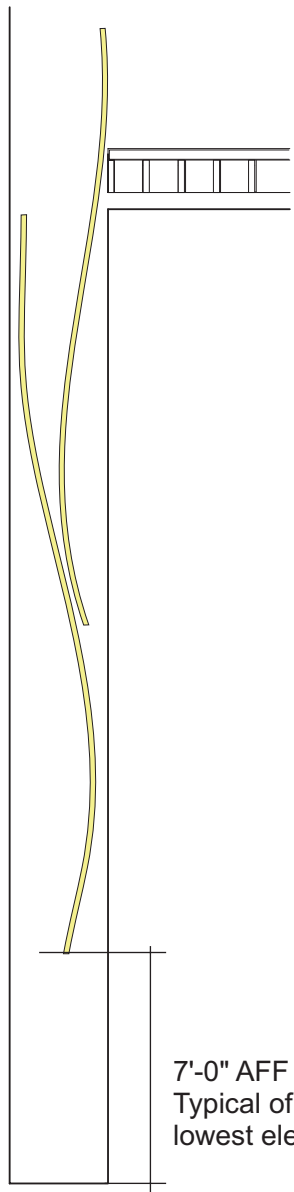
C

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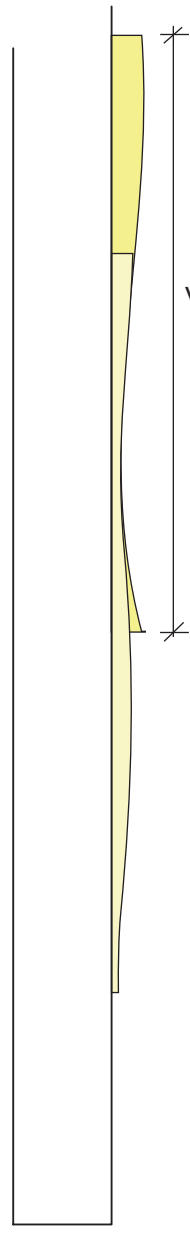
B

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Front Elevation



Side View

Anchoring System:
Hilti HIT 20, Chemical
anchoring system

Anchor Schedule:
Top and Bottom anchors
are always 12" in from ends

Ribbons B, C & G - 5 Anchors
Ribbons A & E - 4 Anchors
Ribbons D, F & H - 3 Anchors

3/4" Plywood Blocking
Full height of ribbons
and full column width,
by GC.

Height Varies

1/2" Acrylic blocking
(as required)

Drywall

FRONT

1/8" Acrylic Face Cap

1/2" Acrylic side support

1/8" Acrylic Sides

3/4" Acrylic Base Plate

1/4" x Threaded Stud

"Column Ribbon" Plan View

COLOR - TYP.:
P-304
Sherwin Williams SW6695
"Middy"

		CONTRACT No.		<div style="text-align: center; background-color: red; color: white; padding: 5px;">CINNABAR</div> <small>4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com</small>			
		APPROVALS	DATE				
MATERIAL	DRAWN	Jake La Fond	12/22/03	<h2>Column Ribbon Fabrication Details</h2>			
FINISH	CHECKED						
DO NOT SCALE DRAWING		ISSUED	12/22/03	SIZE	CAGE CODE	DWG NO.	REV
				D		3504-007	1
				SCALE	FILE	SHEET	
				No Scale			

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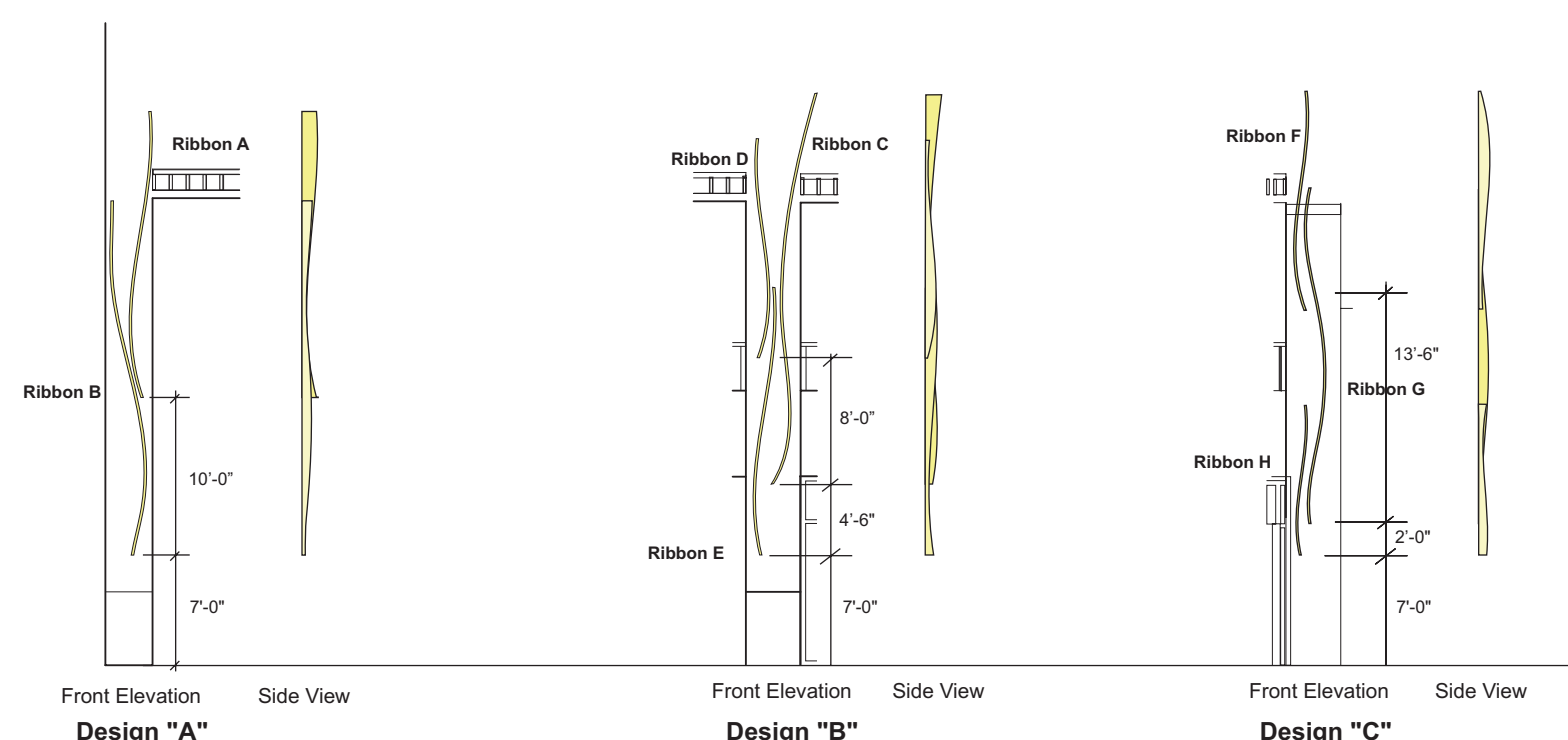
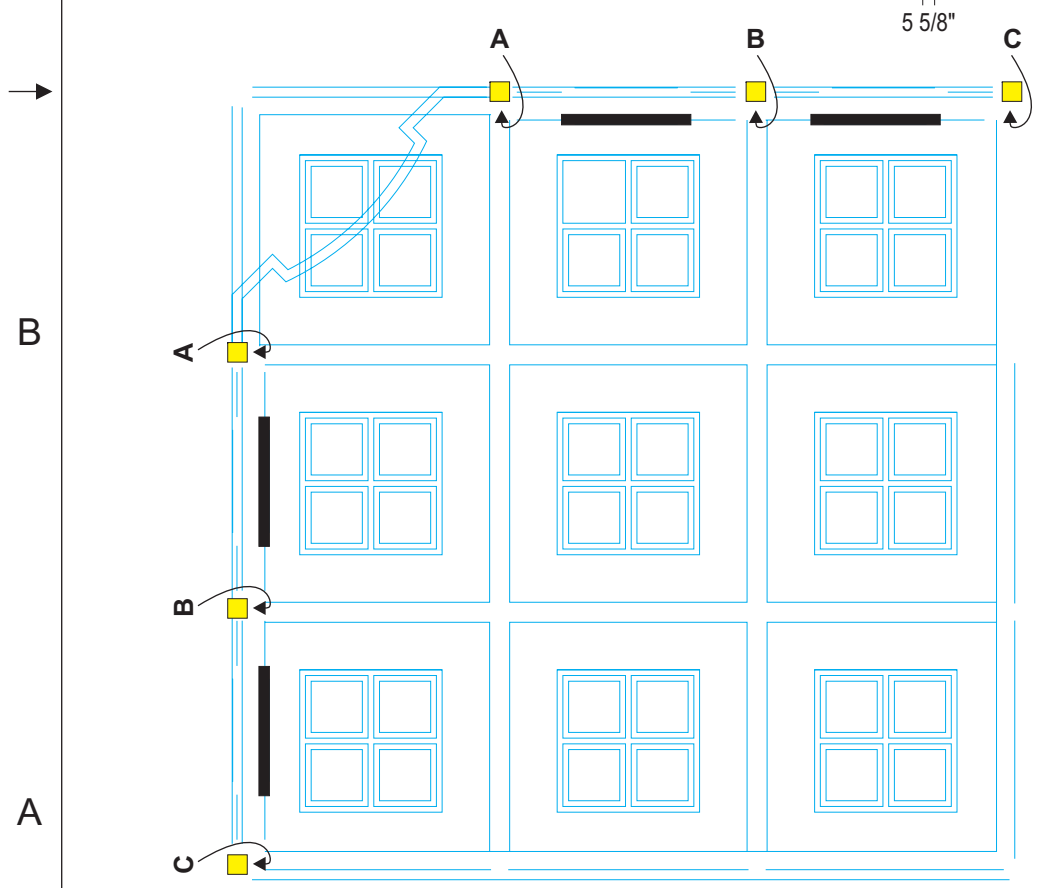
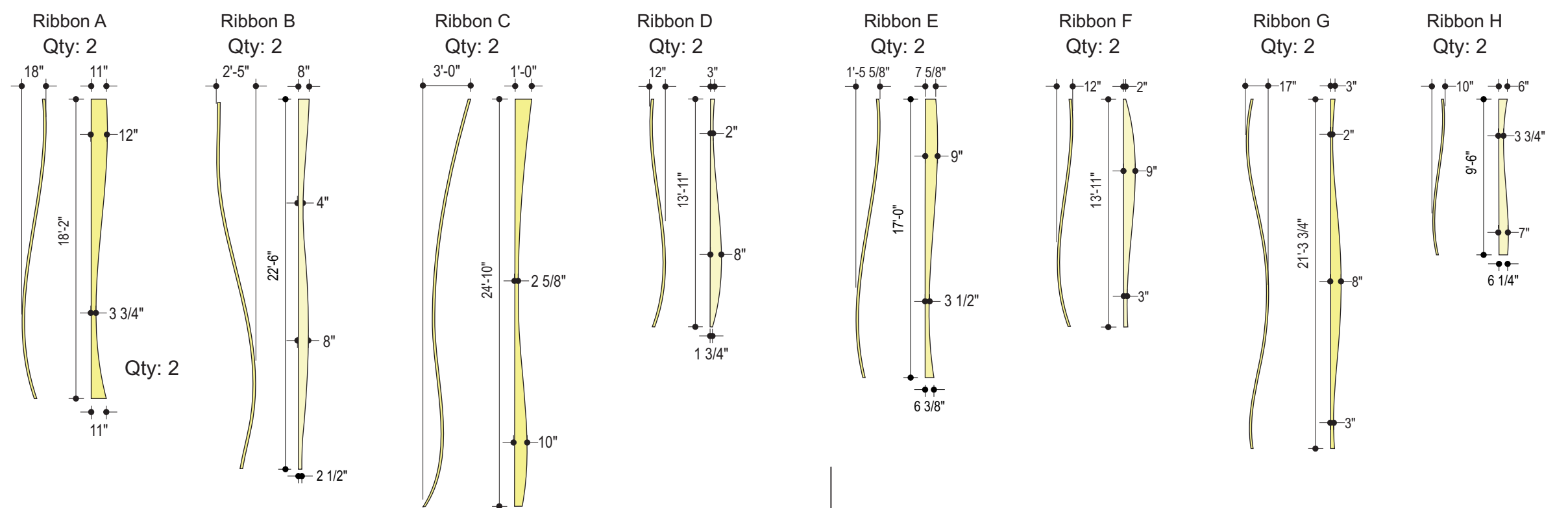


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		CONTRACT No.		<div style="text-align: center; background-color: red; color: white; padding: 5px;">CINNABAR</div> <small>4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com</small>					
		APPROVALS	DATE						
MATERIAL	DRAWN	Jake La Fond		2/23/04		Column Ribbon Column Layouts			
FINISH	CHECKED			SIZE	CAGE CODE			DWG NO.	REV
DO NOT SCALE DRAWING		ISSUED	2/23/04		D			3504-008	
		SCALE No Scale		FILE	SHEET				

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DWG NO.

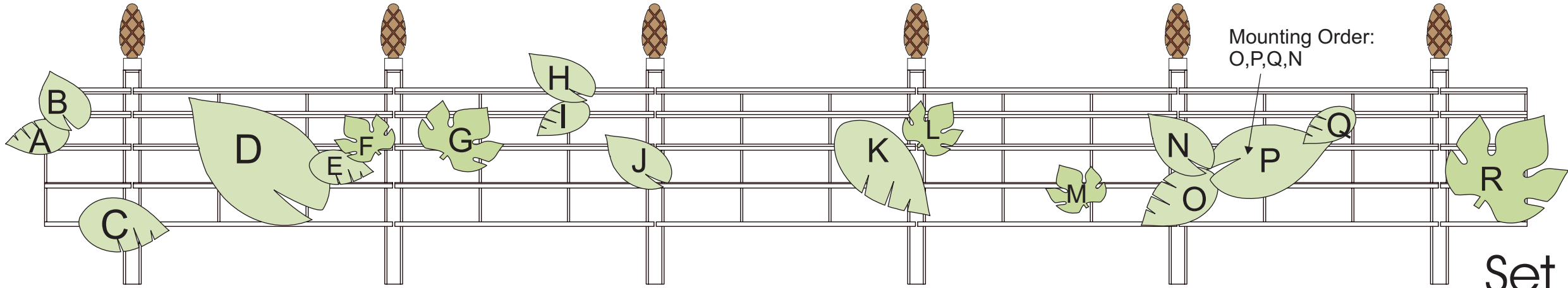
SH

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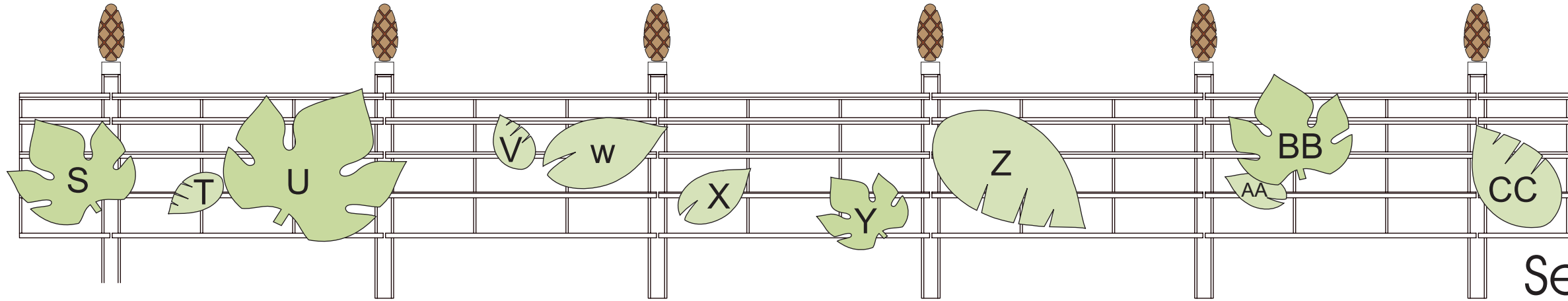
D



Set "A"

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C



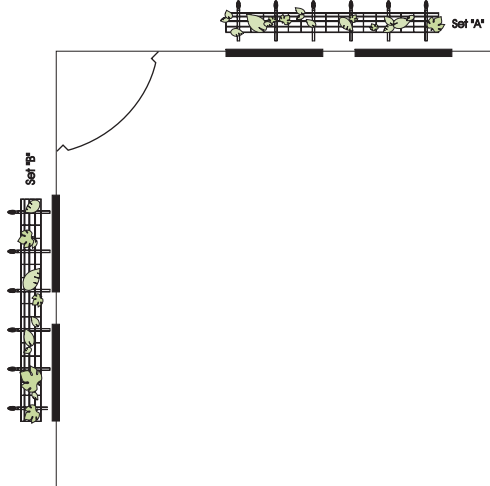
Set "B"

Front Elevation

B

B


Set "A"



Orientation in Plan View

A

A

		CONTRACT No..		 4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com			
		APPROVALS	DATE				
MATERIAL	DRAWN	Jake La Fond	2/23/04	Trellis Leaves Installation Lay Out			
FINISH	CHECKED						
DO NOT SCALE DRAWING		ISSUED	3/3/04	SIZE D	CAGE CODE	DWG NO. 3504-017a	REV
				SCALE No Scale	FILE	SHEET	

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DWG NO.

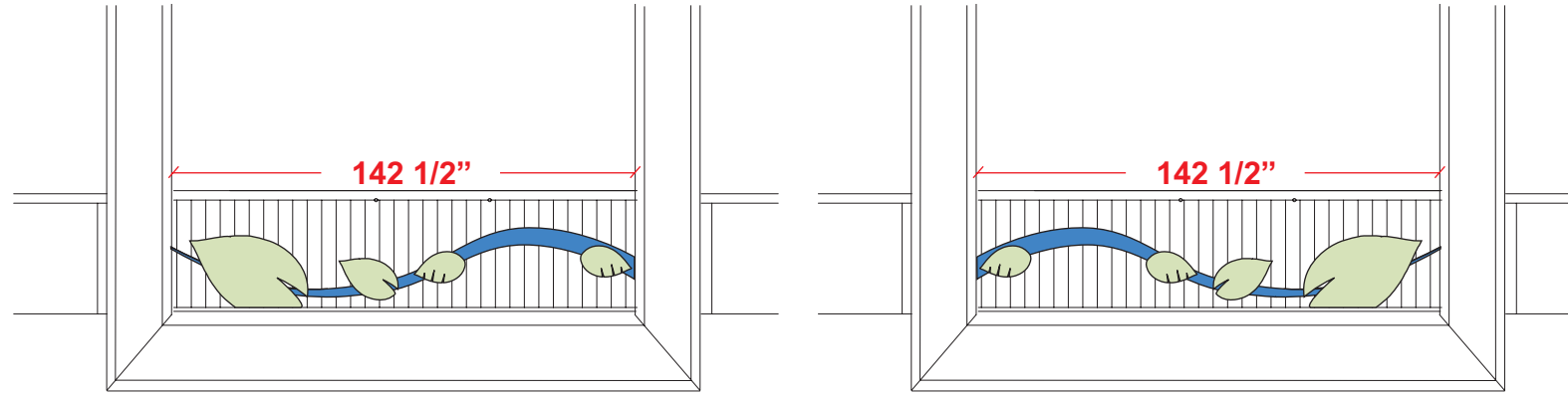
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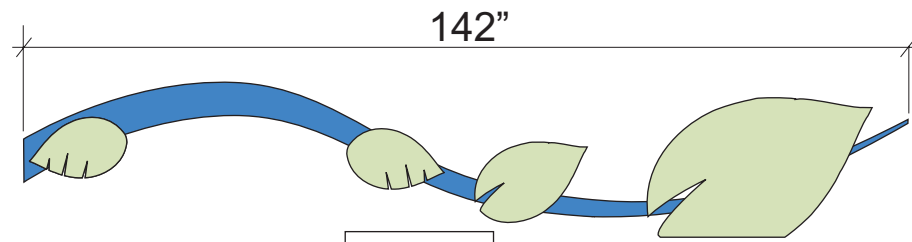
D



Typical layout at two locations.
Four sets of vines total.

C

C



Vine - 1/4" Aluminum P-301

Leaves - 1/8" Aluminum P-307

Qty: 4
2 Left
2 Right

Mechanical fastener

Mechanical fastener

VHB Tape



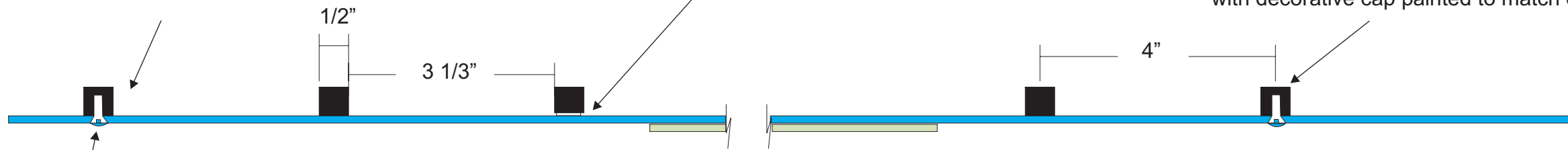
B

B

Aluminum angle mechanically fastened to railing, painted to match railing. Two locations..

All other mounting points to railing are accomplished with VHB tape.

Machine Screw drilled and tapped into 1/2" bar, with decorative cap painted to match element



Machine Screw drilled and tapped into 1/2" bar, with decorative cap painted to match element

A

A

		CONTRACT No..		<div style="text-align: center; background-color: red; color: white; padding: 5px;">CINNABAR</div> <small>4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com</small>					
		APPROVALS						DATE	
MATERIAL		DRAWN Jake La Fond		3/1/04		<h3>Rail Leaves Fabrication Details</h3>			
FINISH		CHECKED							
DO NOT SCALE DRAWING		ISSUED		3/1/04		SIZE D	CAGE CODE	DWG NO. 3504-025	REV 1
						SCALE No Scale	FILE	SHEET	

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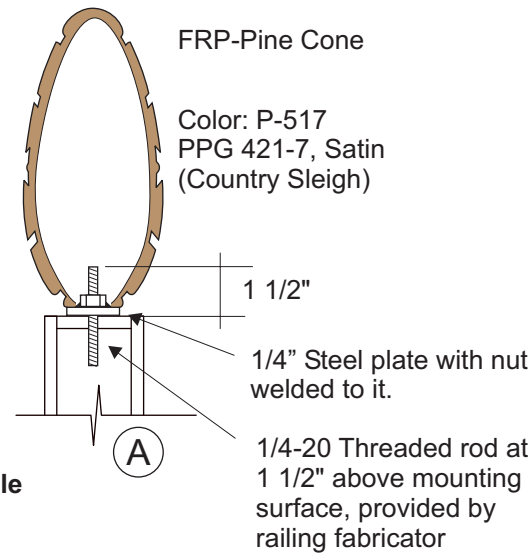
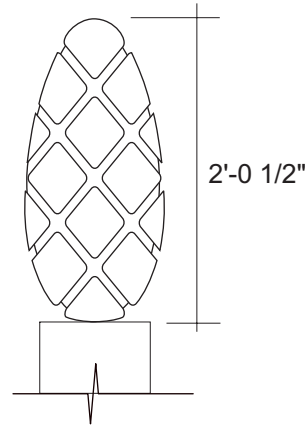
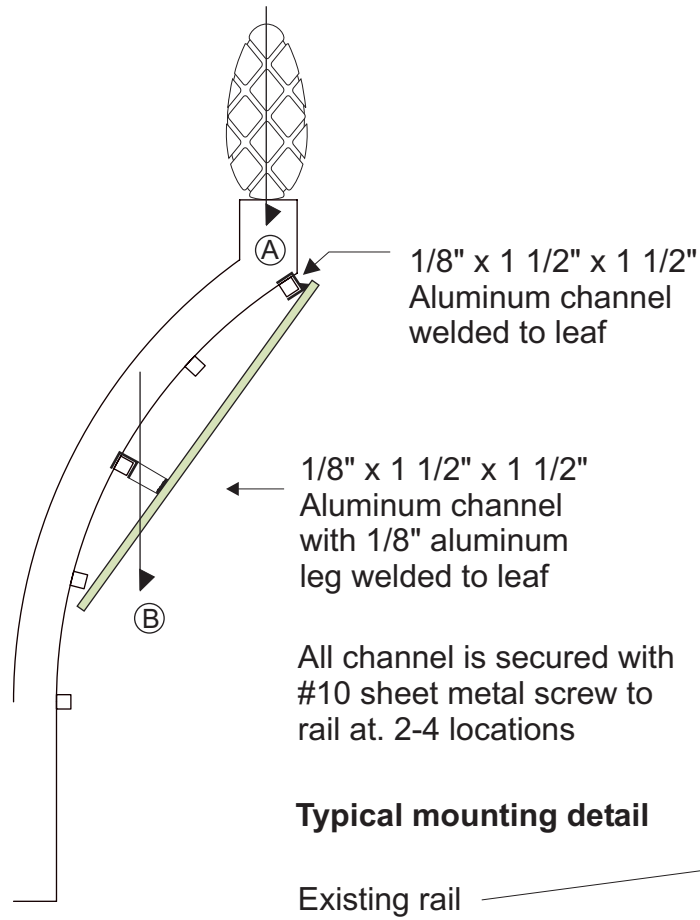
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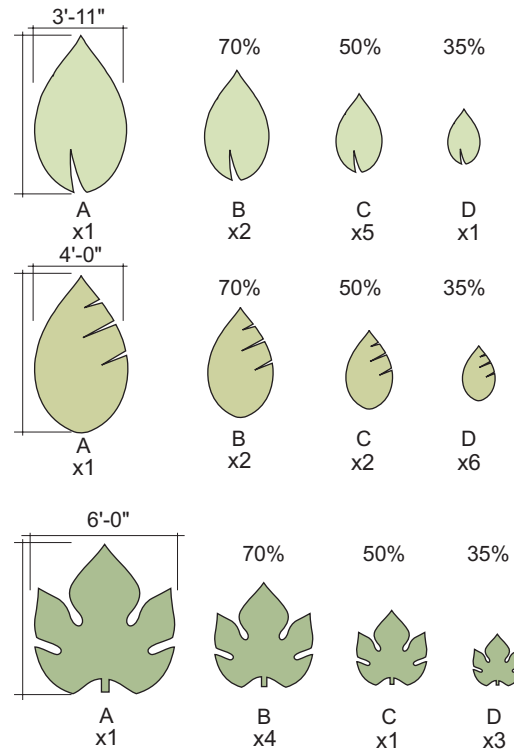


1'8" Aluminum Leaves
Sizes as noted

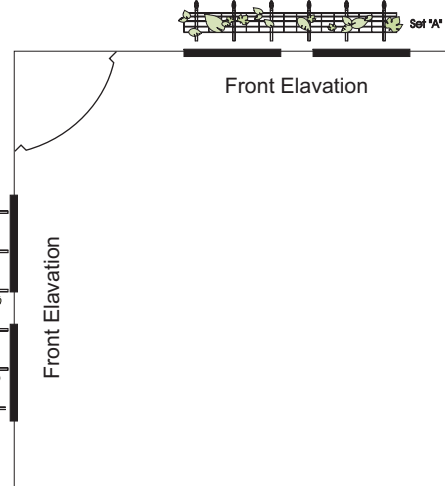
Color: P-307 SW 6430, Satin (Great Green)

Color: P-308 SW 6429, Satin (Baize Green)

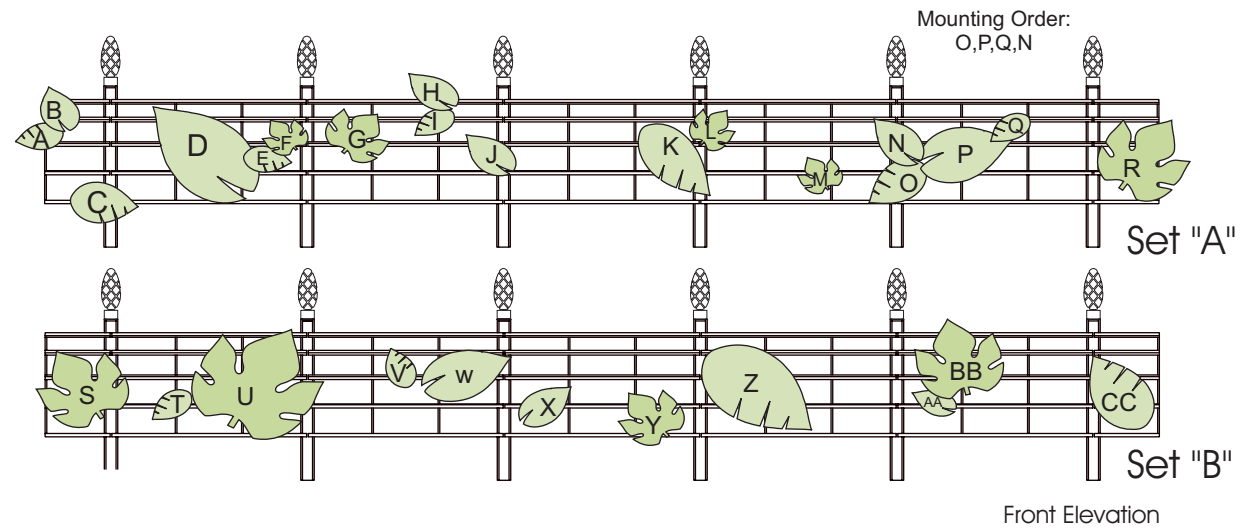
Color: P-319 SW 6431, Satin (Leapfrog)



Set "A"



Orientation in Plan View



		CONTRACT No..		 4551 L.B. McLeod Rd. Orlando, FL 32811 V 407.649.7633 F 407.872.3616 cinnabarfl.com			
		APPROVALS	DATE				
MATERIAL	DRAWN	Jake La Fond	2/23/04	Trellis Leaves Fabrication Details			
FINISH	CHECKED						
DO NOT SCALE DRAWING		ISSUED	3/3/04	SIZE D	CAGE CODE	DWG NO. 3504-017	REV
				SCALE No Scale	FILE	SHEET	

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