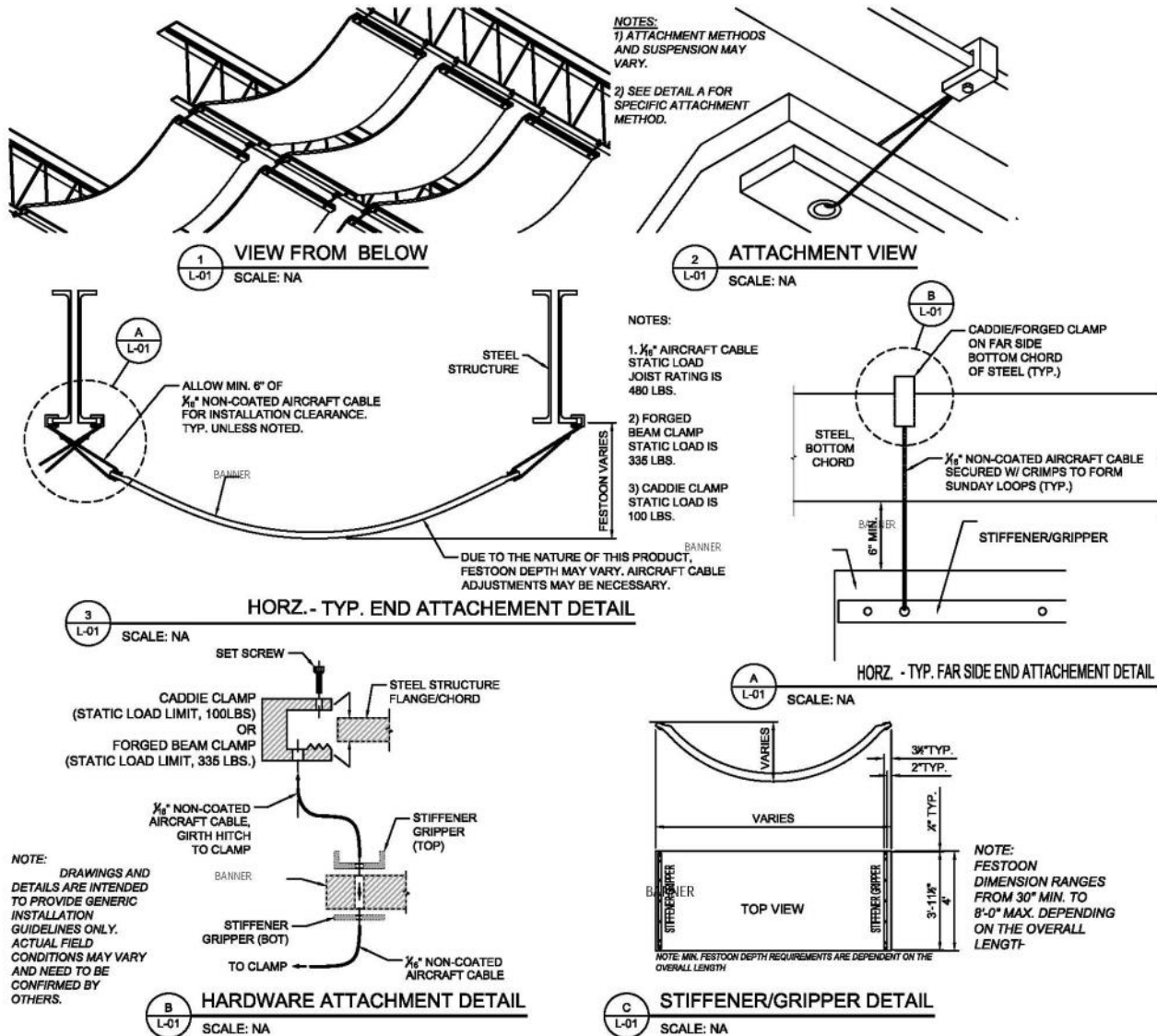
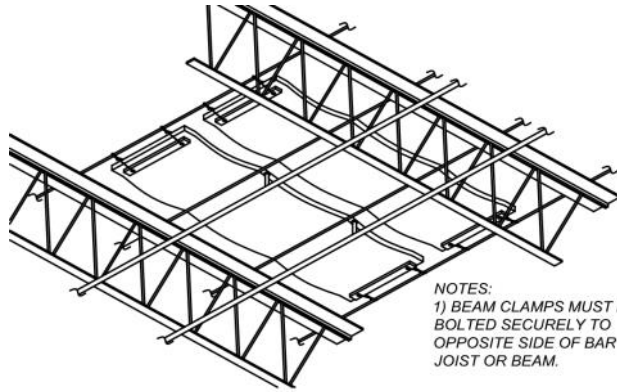


ALPHAFLEX™ FABRIC WRAPPED CEILING BANNERS

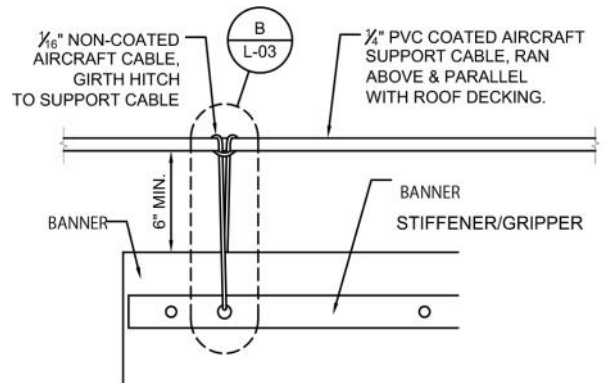


NOTES:

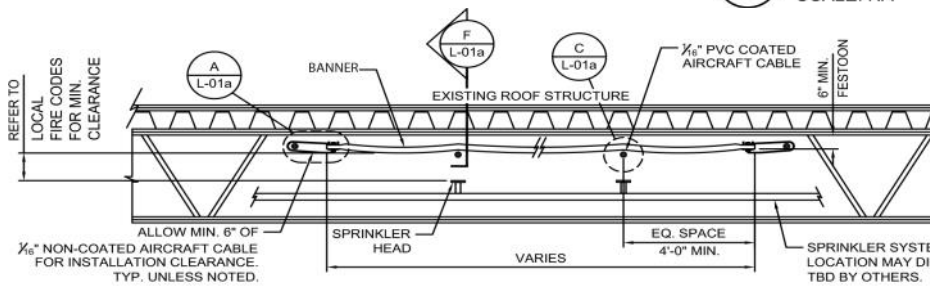
- 1) THIS IS THE PREFERRED METHOD OF ATTACHMENT AS RECOMMENDED BY MBI PRODUCTS COMPANY.
- 2) BEAM CLAMPS MUST BE BOLTED SECURELY TO OPPOSITE SIDE OF BAR JOIST OR BEAM.
- 3) PERFORATED SIDE TO FACE DOWN.



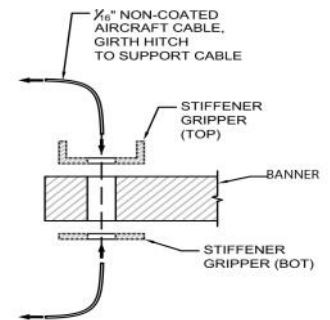
1 VIEW FROM BELOW
L-01a SCALE: NA



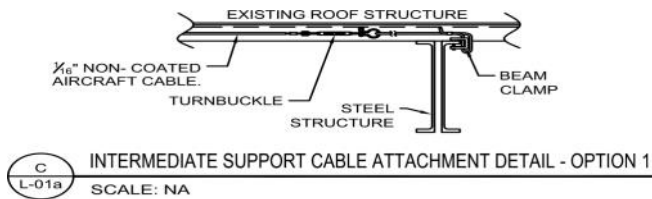
A L-03
HORIZ. - TYP. CABLE END ATTACHMENT DETAIL
SCALE: NA



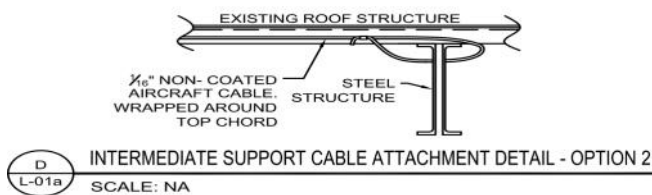
2 L-01a
HORIZ. - TYP. ATTACHMENT DETAIL
SCALE: NA
NOTE: DETAIL DRAWN TO SHOW SUSPENSION ATTACHMENTS ONLY. IT IS NOT REPRESENTATIVE OF AN ACTUAL INSTALLATION.



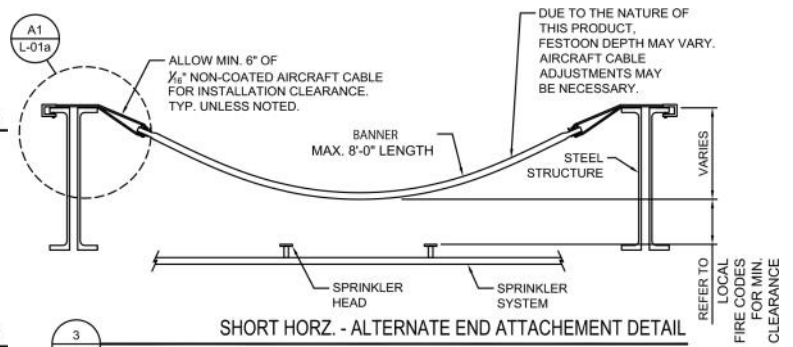
B L-01a
HARDWARE ATTACHMENT DETAIL
SCALE: NA



C L-01a
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 1
SCALE: NA



D L-01a
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 2
SCALE: NA



A1 L-01a
3 L-01a
SHORT HORIZ. - ALTERNATE END ATTACHMENT DETAIL
SCALE: NA

NOTES:

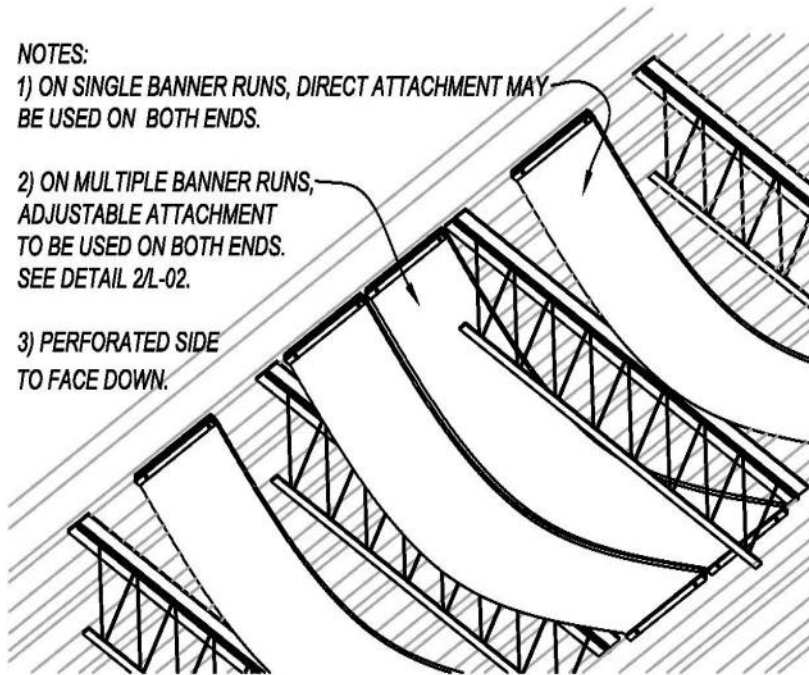
- 1) THE $\frac{1}{16}$ " AIRCRAFT CABLE STATIC LOAD JOIST RATING IS 480 LBS (7 X 7)
- 2) THE $\frac{1}{4}$ " AIRCRAFT CABLE STATIC LOAD JOIST RATING IS 6100 LBS (7 X 7)
- 3) DUE TO THE NATURE OF THIS PRODUCT, FESTOON DEPTH MAY VARY. ADJUSTMENTS MAY BE NECESSARY
- 4) SUPPORT CABLE TO BE PLACED 4'-0" ON THE CENTER FOR BEST AESTHETIC APPEAL.
- 5) VARYING FROM THE 4'-0" ON CENTER DIMENSION CAN RESULT IN SAGGING OF MATERIAL.
- 6) BANNERS ARE INSTALLED PERPENDICULAR TO CABLES AND ARE ANCHORED AT ENDS USING AIRCRAFT CABLE.
- 7) NUMBER OF SUPPORT CABLES VARY DEPENDING ON LENGTH.
- 8) PERFORATED SIDE TO FACE DOWN.

NOTES:

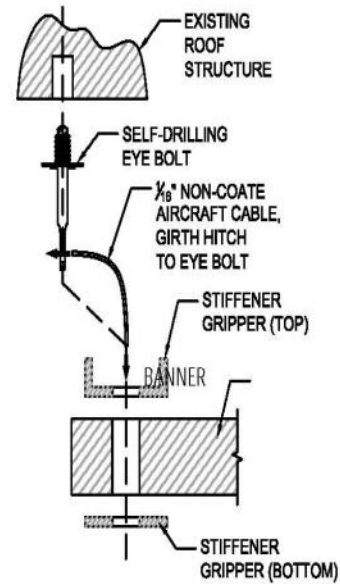
1) ON SINGLE BANNER RUNS, DIRECT ATTACHMENT MAY BE USED ON BOTH ENDS.

2) ON MULTIPLE BANNER RUNS, ADJUSTABLE ATTACHMENT TO BE USED ON BOTH ENDS. SEE DETAIL 2/L-02.

3) PERFORATED SIDE TO FACE DOWN.

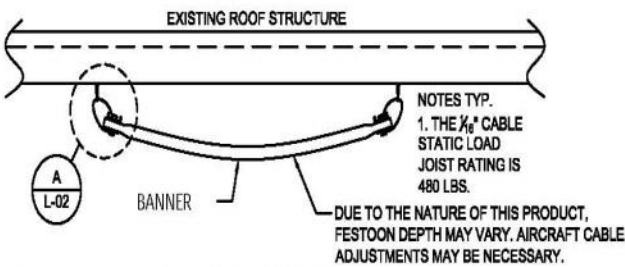


1
L-02
VIEW FROM BELOW
SCALE: NA



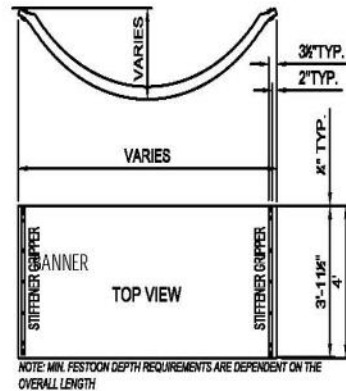
A
L-02
HARDWARE ATTACHMENT DETAIL
SCALE: NA

NOTE:
DETAIL DRAWN TO SHOW SUSPENSION ATTACHMENTS ONLY. IT IS NOT REPRESENTATIVE OF AN ACTUAL INSTALLATION.



2
L-02
HORIZ - TYP. END ATTACHMENT DETAIL
SCALE: NA

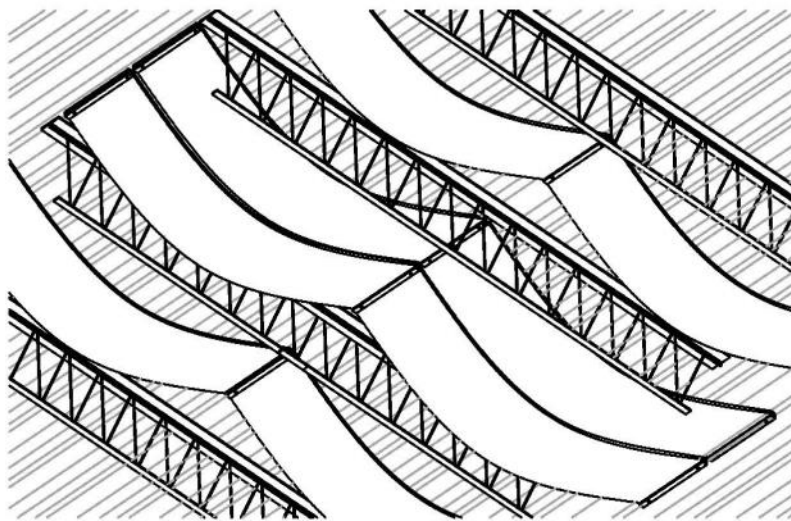
NOTES TYP.
1. THE 1/8" CABLE STATIC LOAD JOIST RATING IS 480 LBS.
DUE TO THE NATURE OF THIS PRODUCT, FESTOON DEPTH MAY VARY. AIRCRAFT CABLE ADJUSTMENTS MAY BE NECESSARY.



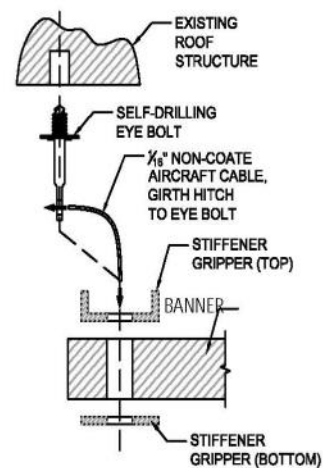
B
L-02
STIFFENER/GRIPPER DETAIL
SCALE: NA

NOTE:
FESTOON DIMENSION RANGES FROM 30" MIN. TO 8'-0" MAX. DEPENDING ON THE OVERALL LENGTH

NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED TO BE CONFIRMED BY OTHERS.

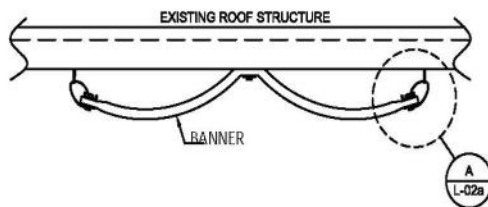


1
L-02a
VIEW FROM BELOW
SCALE: NA



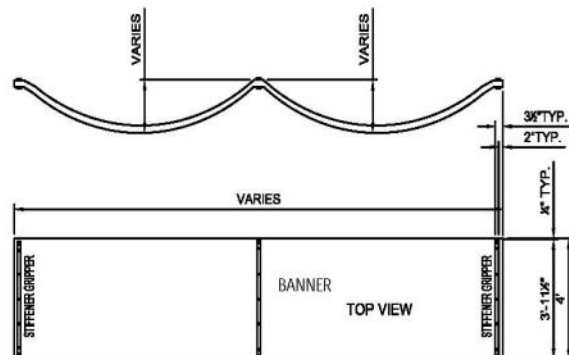
A
L-02a
HARDWARE ATTACHMENT DETAIL
SCALE: NA

NOTE:
DETAIL DRAWN TO SHOW SUSPENSION ATTACHMENTS ONLY. IT IS NOT
REPRESENTATIVE OF AN ACTUAL INSTALLATION.



2
L-02a
HORZ. - TYP. END ATTACHMENT DETAIL
SCALE: NA

NOTE:
FESTOON DIMENSION RANGES
FROM 30" MIN. TO 8'-0" MAX. DEPENDING
ON THE OVERALL LENGTH



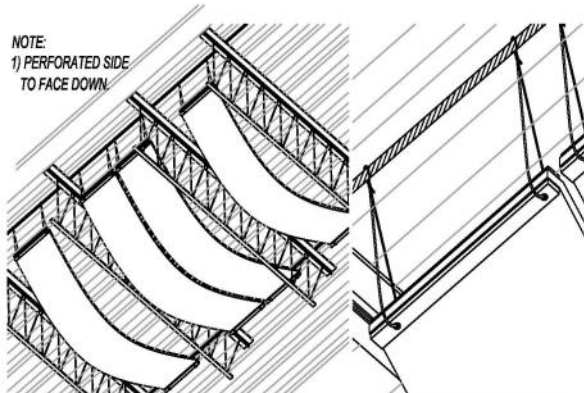
B
L-02a
STIFFENER/GRIPPER DETAIL
SCALE: NA

NOTE: MIN. FESTOON DEPTH REQUIREMENTS ARE DEPENDENT ON THE
OVERALL LENGTH

NOTES:

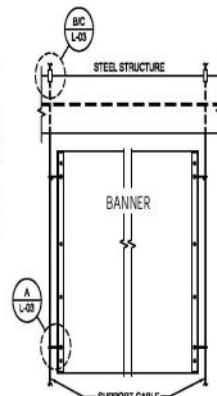
- 1) ON SINGLE BANNER RUNS, DIRECT ATTACHMENT MAY BE USED TON BOTH ENDS.
- 2) ON MUPTIPLE BANNER RUNS, ADJUSTABLE ATTACHMENT TO BE USED ON ONE END.
- 3) PERFORATED SIDE TO FACE DOWN.

NOTE:
1) PERFORATED SIDE
TO FACE DOWN.

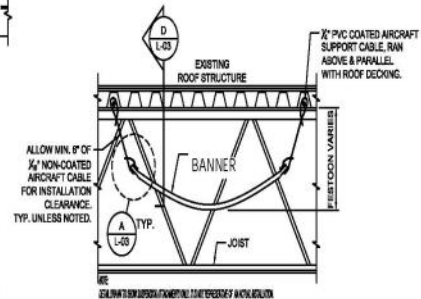


1
L-03
VIEW FROM BELOW
SCALE: NA

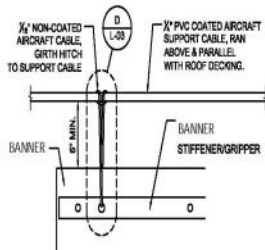
2
L-03
ATTACHMENT VIEW
SCALE: NA



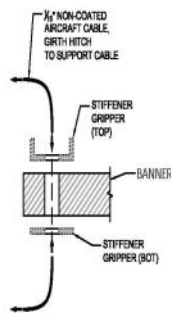
3
L-03
TOP VIEW
SCALE: NA



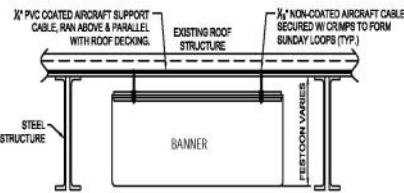
4
L-03
HORZ. - TYP. CABLE END ATTACHMENT DETAIL
SCALE: NA



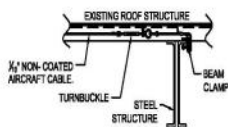
A
L-03
HORZ. - TYP. CABLE END ATTACHMENT DETAIL
SCALE: NA



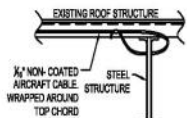
D
L-03
HARDWARE ATTACHMENT DETAIL
SCALE: NA



E
L-03
HORZ. - CABLE END ATTACHMENT DETAIL
SCALE: NA



B
L-03
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 1
SCALE: NA



C
L-03
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 2
SCALE: NA

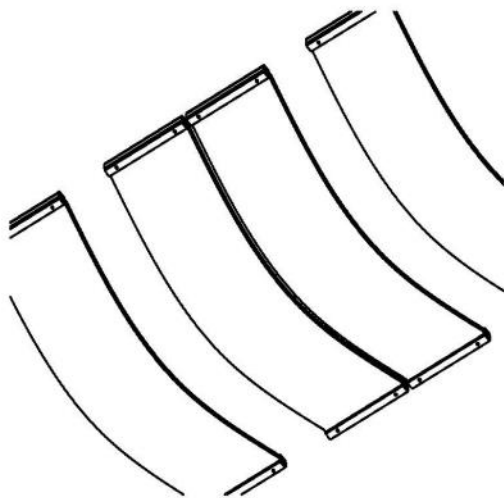


F
L-03
STIFFENER/GRIPPER DETAIL
SCALE: NA

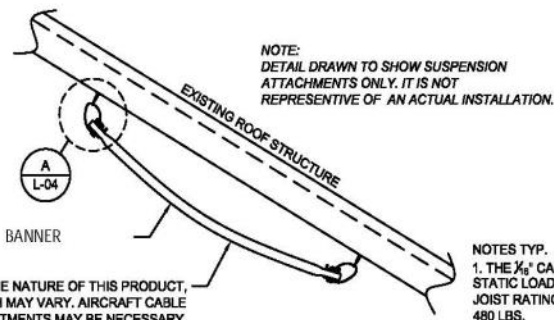
NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC
INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED
TO BE CONFIRMED BY OTHERS.

NOTES:

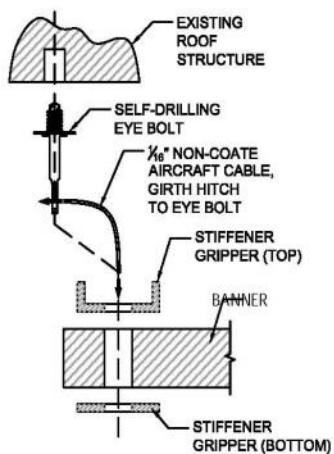
- 1) THE 1/16" AIRCRAFT STATIC LOAD JOIST RATING IS 480 LBS. (7 X 7).
- 2) THE 1/4" AIRCRAFT STATIC LOAD JOIST RATING IS 6100 LBS. (7 X 7)
- 3) DUE TO THE NATURE OF THIS PRODUCT, FESTOON DEPTH MAY VARY. AIRCRAFT CABLE ADJUSTMENTS MAY BE NECESSARY.



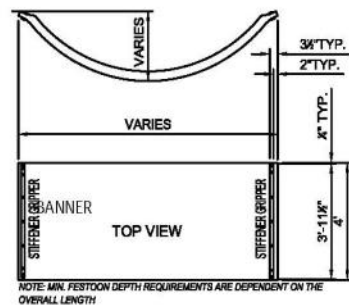
1
L-04
VIEW FROM BELOW
SCALE: NA



2
L-04
HORIZ. - TYP. END ATTACHEMENT DETAIL
SCALE: NA



B
L-04
HARDWARE ATTACHMENT DETAIL
SCALE: NA

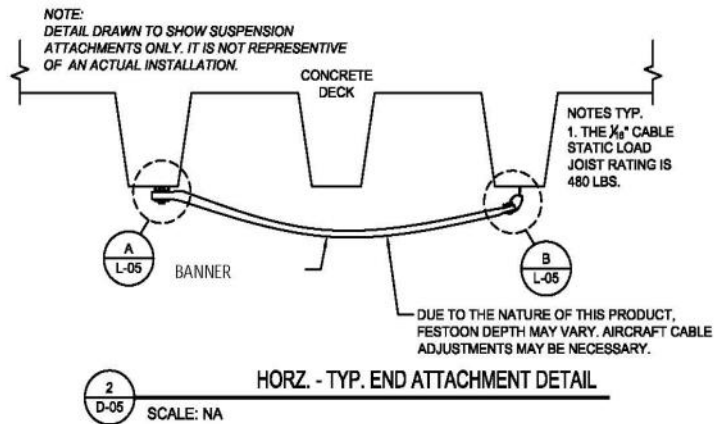
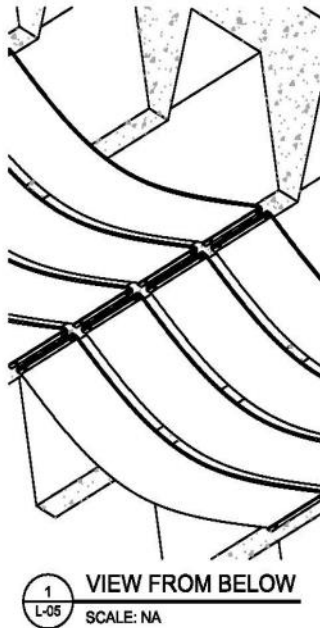


C
L-04
STIFFENER/GRIPPER DETAIL
SCALE: NA

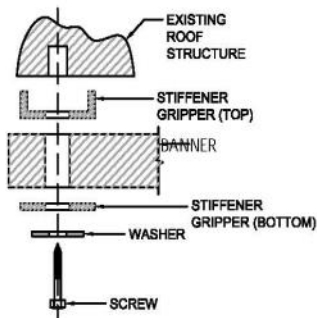
NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC
INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED
TO BE CONFIRMED BY OTHERS.

NOTES:

- 1) ON SINGLE BANNER RUNS, DIRECT ATTACHMENT MAY BE USED ON BOTH ENDS.
- 2) ON MULTIPLE BANNER RUNS, ADJUSTABLE ATTACHEMENT TO BE USED ON BOTH ENDS.
- 3) PERFORATED SIDE TO FACE DOWN.



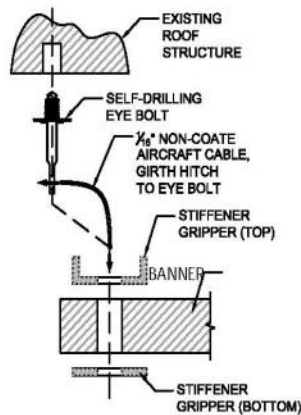
NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC
INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED
TO BE CONFIRMED BY OTHERS.



A
L-05

HARDWARE ATTACHMENT DETAIL

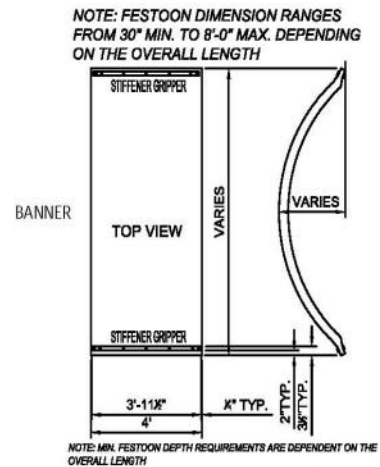
SCALE: NA



B
L-05

HARDWARE ATTACHMENT DETAIL

SCALE: NA



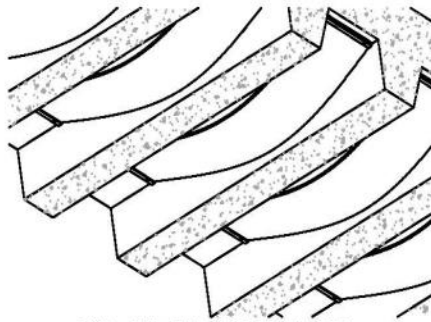
C
L-05

STIFFENER/GRIPPER DETAIL

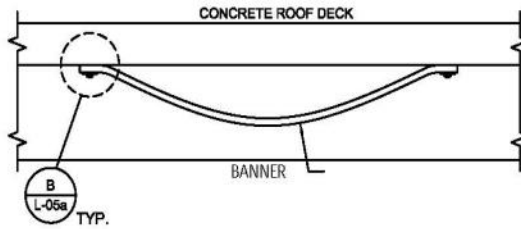
SCALE: NA

NOTES:

- 1) ON SINGLE BANNER RNS, DIRECT ATTACHMENT MAY BE USED ON BOTH ENDS.
- 2) ON MULTIPLE BANNER RUNS, ADJUSTABLE ATTACHMENT TO BE USED ON ONE END.
- 3) PERFORATED SIDE TO FACE DOWN.

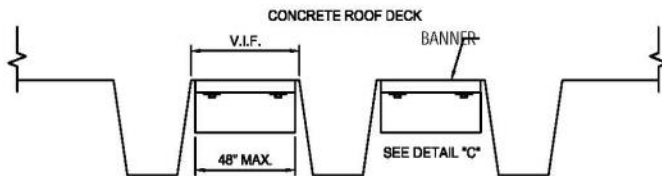


1
L-05a
VIEW FROM BELOW
SCALE: NA

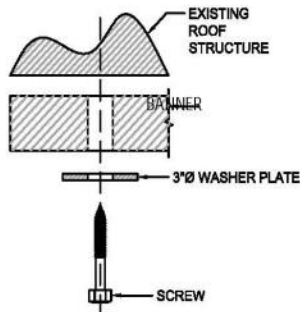


2
D-05a
HORZ. - TYP. END ATTACHMENT DETAIL
SCALE: NA

NOTE:
1) CONFIRM COFFER DIMENSIONS PRIOR TO INSTALL.

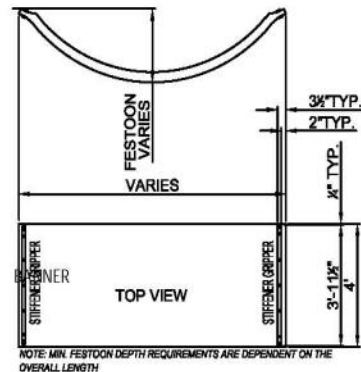


A
D-05a
HORZ. - TYP. END ATTACHMENT DETAIL
SCALE: NA



B
L-05a
HARDWARE ATTACHMENT DETAIL
SCALE: NA

NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC
INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED
TO BE CONFIRMED BY OTHERS.

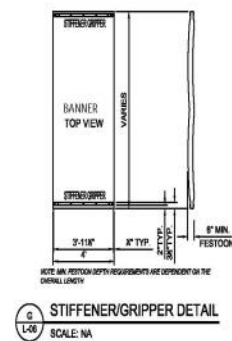
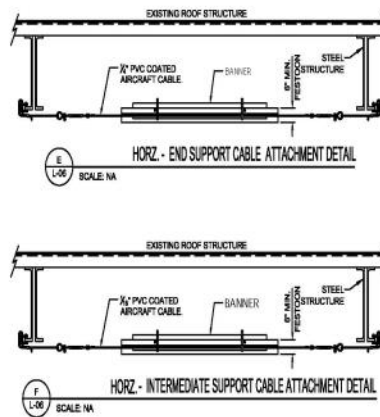
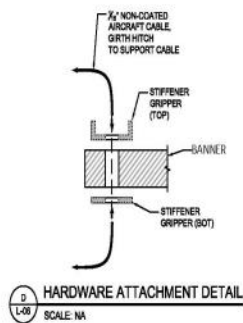
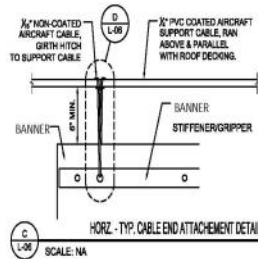
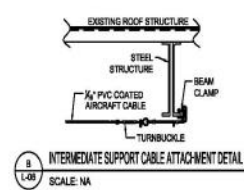
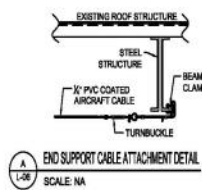
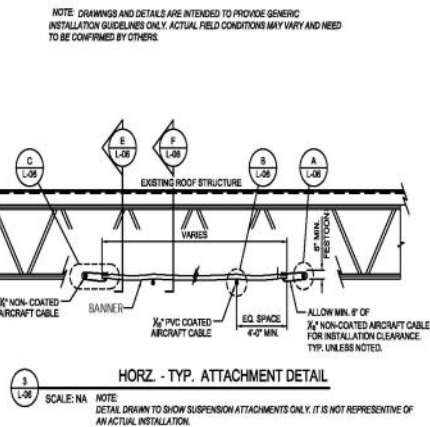
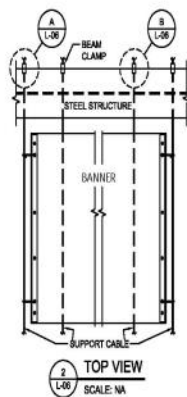
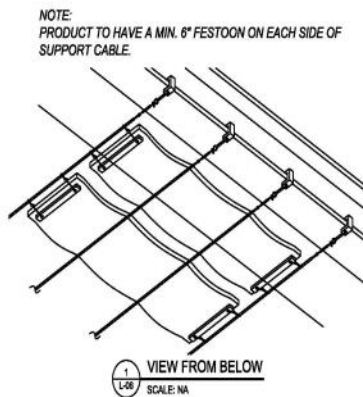


C
L-05a
STIFFENER/GRIPPER DETAIL
SCALE: NA

NOTE: FESTOON
DIMENSION RANGES
FROM 30\"/>

NOTES;

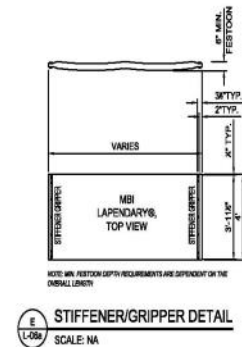
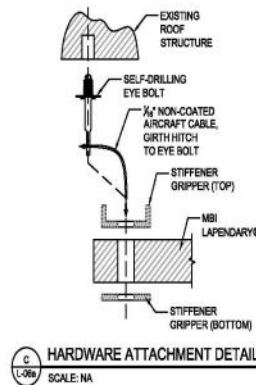
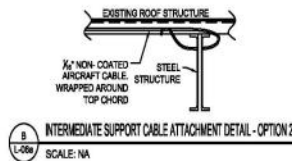
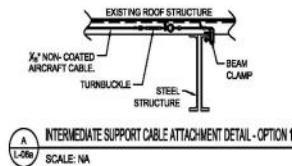
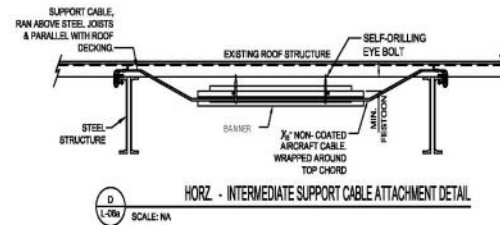
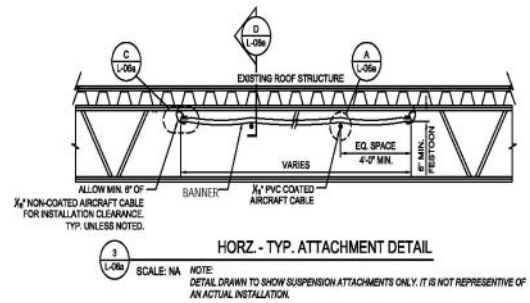
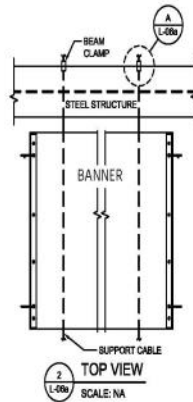
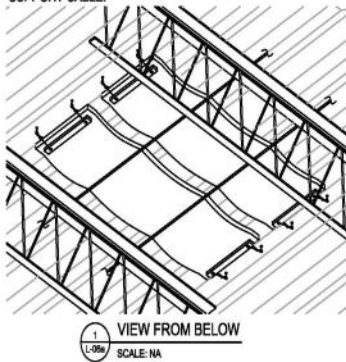
- 1) DETAIL DRAWN TO SHOW WUWPENSION ATTACHMENTS ONLY. IT IS NOT REPRESENTATIVE OF AN ACTUAL INSTALLATION.
- 2) ON SINGLE BANNER RUNS, DIRECTG ATTACHMENT MAY BE USED ON BOTH ENDS.
- 3) ON MULTIPLE BANNER RUNS, ADJUSTABLE ATTACHMENT TO BE USED ON ONE END.
- 4) PERFORATED SIDE TO FACE DOWN.



NOTES:

- 1) THE 1/16" AIRCRAFT CABLE STATIC LOAD JOIST RATING IS 480 LBS. (7 X 7).
- 2) THE 1/4" AIRCRAFT CABLE STATIC LOAD JOIST RATING IS 6100 LBS. (7 X 7).
- 3) DUE TO THE NATURE OF THE PRODUCT, FESTOON DEPTH MAY VARY, ADJUSTMENTS MAY BE NECESSARY.
- 4) SUPPORT CABLE TO BE PLACED 4'-0" ON CENTER FOR BEST AESTHETIC APPEAL.
- 5) VARYING FROM THE 4'-0" ON CENTER DIMENSION CAN RESULT IN SAGGING OF MATERIAL.
- 6) BANNERS ARE INSTALLED PERPENDICULAR TO CABLES AND ARE ANCHORED AT ENDS USING AIRCRAFT CABLE.
- 7) NUMBER OF SUPPORT CABLES VAY DEPENDING ON LENGTH.
- 8) PERFORATED SID TO FACE DOWN.

NOTE:
PRODUCT TO HAVE A MIN. 6" FESTOON ON EACH SIDE OF
SUPPORT CABLE.

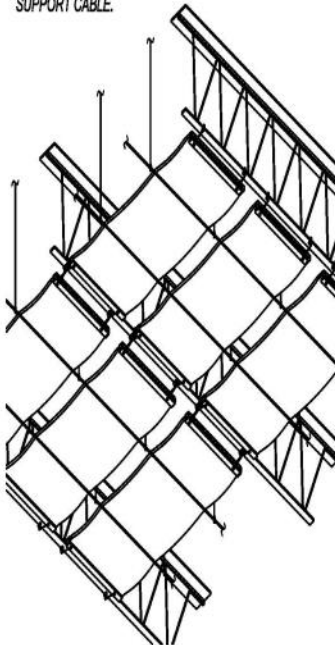


NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC
INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED
TO BE CONFIRMED BY OTHERS.

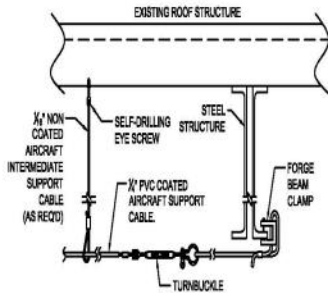
NOTES:

- 1) THE 1/16" AIRCRAFT CABLE STATIC LOAD JOIST RATING IS 480 LBS. (7 X 7).
- 2) THE 1/4" AIRCRAFT CABLE STATIC LOAD JOIST RATING IS 6100 LBS (7 X 7).
- 3) DUE TO THE NATURE OF THIS PRODUCT, FESTOON DEPTH MAY VARY. ADJUSTMENTS MAY BE NECESSARY.
- 4) SUPPORT CABLE TO BE PLACED 4'0" ON CENTER FOR BEST AESTHETIC APPEAL.
- 5) VARYING FROM THE 4'0" ON CENTER DIMENSION CAN RESULT IN SAGGING OF MATERIAL.
- 6) BANNERS ARE INSTALLED PERPENDICULAR TO CABLES AND ARE ANCHORED AT ENDS USING AIRCRAFT CABLE.
- 7) NUMBER OF SUPPORT CABLES VARY DEPENDING ON LENGTH.
- 8) PERFORATED SIDE TO FACE DOWN.

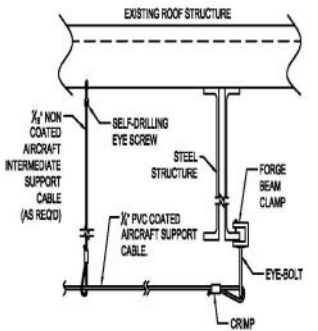
NOTE:
PRODUCT TO HAVE A MIN. 6" FESTOON ON EACH SIDE OF
SUPPORT CABLE.



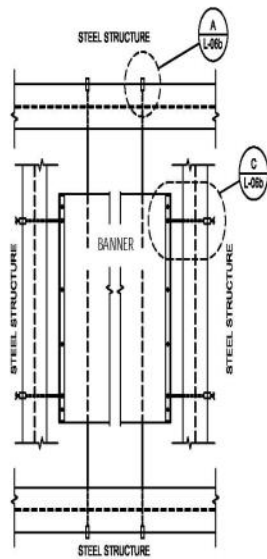
1
L-08b
VIEW FROM BELOW
SCALE: NA



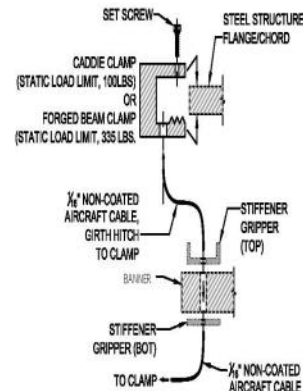
A
L-08b
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 1
SCALE: NA



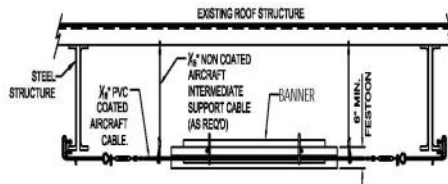
B
L-08b
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 2
SCALE: NA



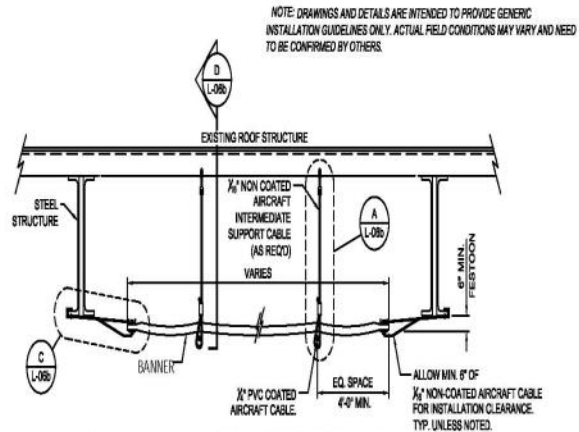
2
L-08b
TOP VIEW
SCALE: NA



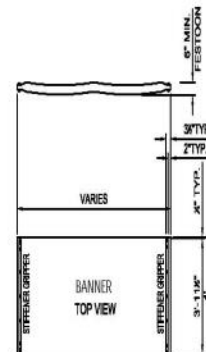
C
L-08b
HARDWARE ATTACHMENT DETAIL
SCALE: NA



D
L-08b
HORZ. - INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL
SCALE: NA

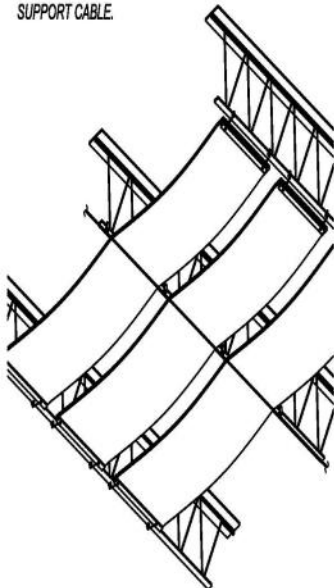


3
L-08b
HORZ. - TYP. ATTACHMENT DETAIL
SCALE: NA
NOTE:
DETAIL DRAWN TO SHOW SUSPENSION ATTACHMENTS ONLY. IT IS NOT REPRESENTATIVE OF
AN ACTUAL INSTALLATION.

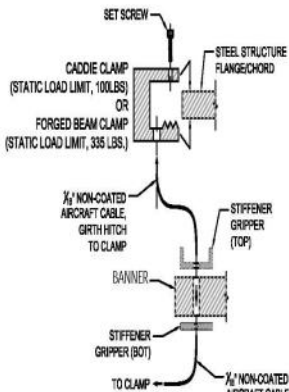


E
L-08b
STIFFENER/GRIPPER DETAIL
SCALE: NA

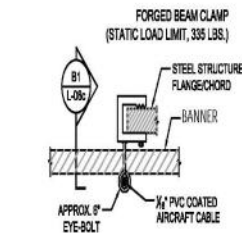
NOTE:
PRODUCT TO HAVE A MIN. 6" FESTOON ON EACH SIDE OF
SUPPORT CABLE.



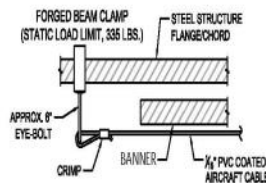
1 VIEW FROM BELOW
SCALE: NA



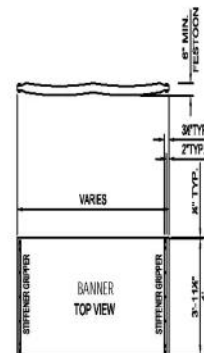
A HARDWARE ATTACHMENT DETAIL
SCALE: NA



B HARDWARE ATTACHMENT DETAIL
SCALE: NA

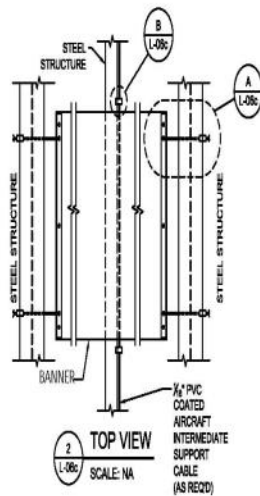


B1 HARDWARE ATTACHMENT DETAIL
SCALE: NA

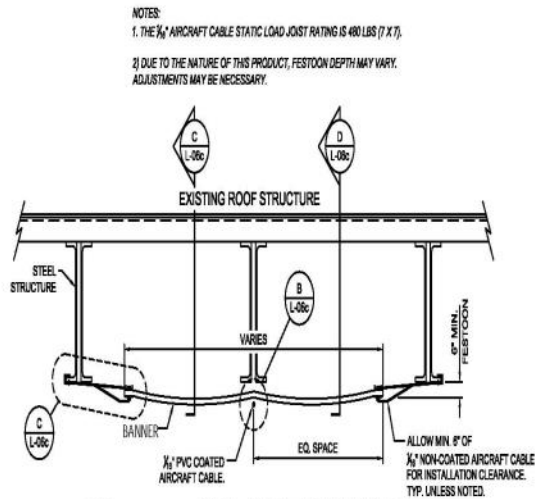


NOTE: MIN. FESTOON DEPTH REQUIREMENTS ARE DEPENDENT ON THE OVERALL LENGTH

E STIFFENER/GRIPPER DETAIL
SCALE: NA

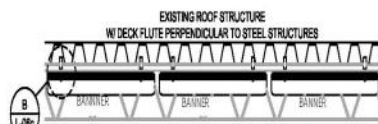


2 TOP VIEW
SCALE: NA



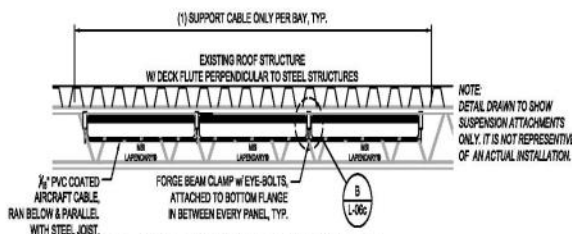
3 HORZ. - TYP. ATTACHMENT DETAIL
SCALE: NA

NOTES:
1. THE 1/2\"/>



C END CABLE ATTACHMENT DETAIL
SCALE: NA

NOTE:
DETAIL DRAWN TO SHOW
SUSPENSION ATTACHMENTS
ONLY. IT IS NOT REPRESENTATIVE
OF AN ACTUAL INSTALLATION.

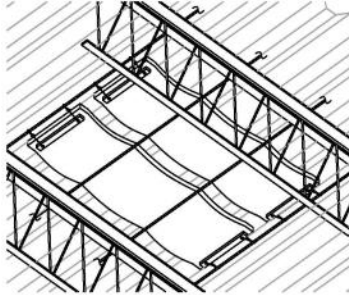


D SUPPORT CABLE ATTACHMENT DETAIL
SCALE: NA

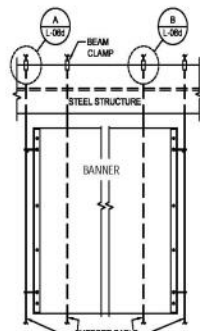
NOTE:
DETAIL DRAWN TO SHOW
SUSPENSION ATTACHMENTS
ONLY. IT IS NOT REPRESENTATIVE
OF AN ACTUAL INSTALLATION.

NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC
INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED
TO BE CONFIRMED BY OTHERS.

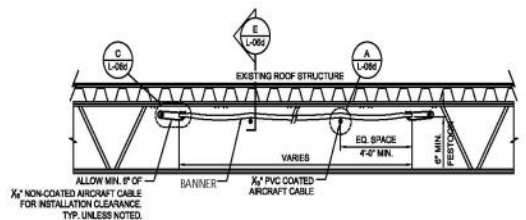
NOTE:
PRODUCT TO HAVE A MIN. 6" FESTOON ON EACH SIDE OF
SUPPORT CABLE.



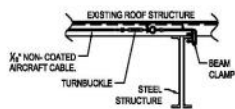
1
L-084
VIEW FROM BELOW
SCALE: NA



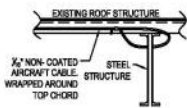
2
L-085
TOP VIEW
SCALE: NA



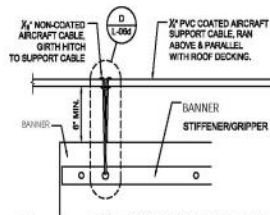
3
L-086
HORIZ - TYP. ATTACHMENT DETAIL
SCALE: NA
NOTE:
DETAIL DRAWN TO SHOW SUSPENSION ATTACHMENTS ONLY. IT IS NOT REPRESENTATIVE OF
AN ACTUAL INSTALLATION.



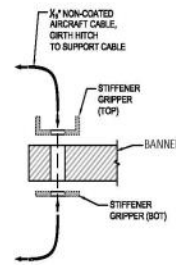
A
L-087
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 1
SCALE: NA



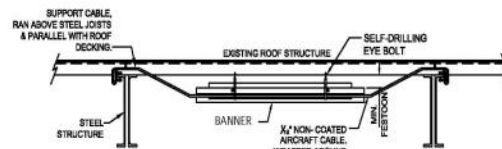
B
L-088
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 2
SCALE: NA



C
L-089
HORIZ - TYP. CABLE END ATTACHMENT DETAIL
SCALE: NA



D
L-090
HARDWARE ATTACHMENT DETAIL
SCALE: NA



E
L-091
HORIZ - INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL
SCALE: NA

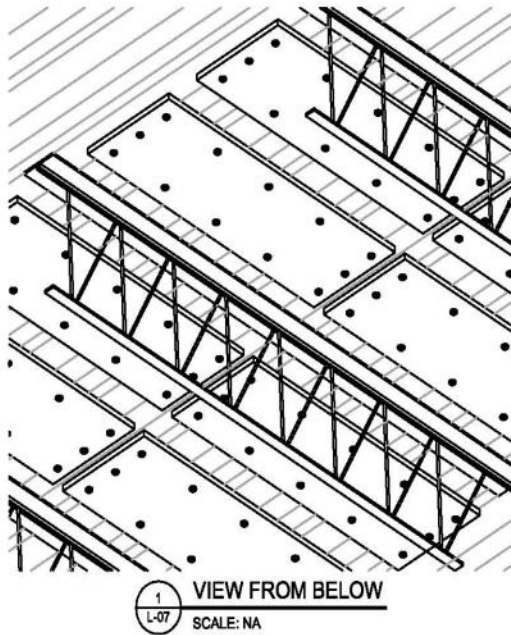


F
L-092
STIFFENER/GRIPPER DETAIL
SCALE: NA

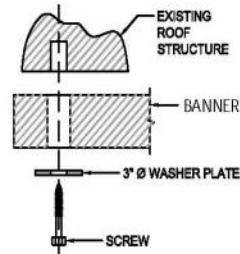
NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC
INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED
TO BE CONFIRMED BY OTHERS.

NOTES:

- 1) THE 1/16" AIRCRAFT CABLE STATIC LOAD JOIST FESTOON IS 480 LBS. (7 X 7).
- 2) THE 1/4" AIRCRAFT CABLE STATIC LOAD JOIST FESTOON IS 6100 LBS. (7 X 7).
- 3) DUE TO THE NATURE OF THE PRODUCT, FESTOON DEPTH MAY VARY. ADJUSTMENTS MAY BE NECESSARY.
- 4) SUPPORT CABLE TO BE PLACED 4'0" ON CENTER FOR BEST AESTHETIC APPEAL.
- 5) BANNERS ARE INSTALLED PERPENDICULAR TO CABLES AND ARE ANCHORED AT ENDS USING AIRCRAFT CABLE.
- 6) NUMBER OF SUPPORT CABLES VARY DEPENDING ON LENGTH.
- 7) PERFORATED SIDE TO FACE DOWN.

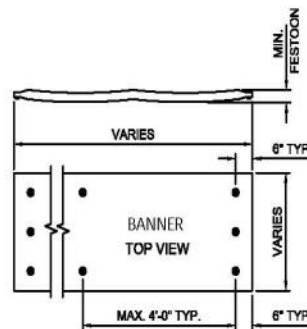


NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED TO BE CONFIRMED BY OTHERS.



A
L-07

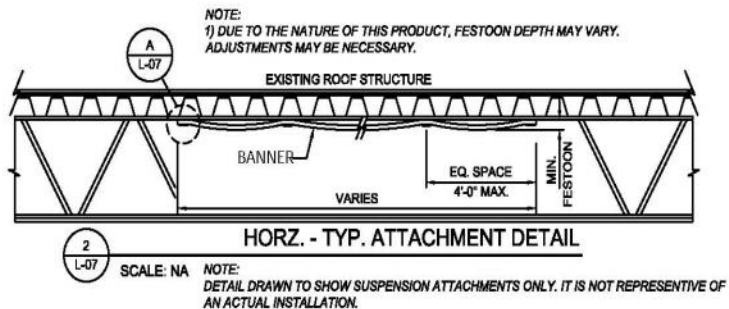
HARDWARE ATTACHMENT DETAIL
SCALE: NA



NOTE: MIN. FESTOON DEPTH REQUIREMENTS ARE DEPENDENT ON THE OVERALL LENGTH

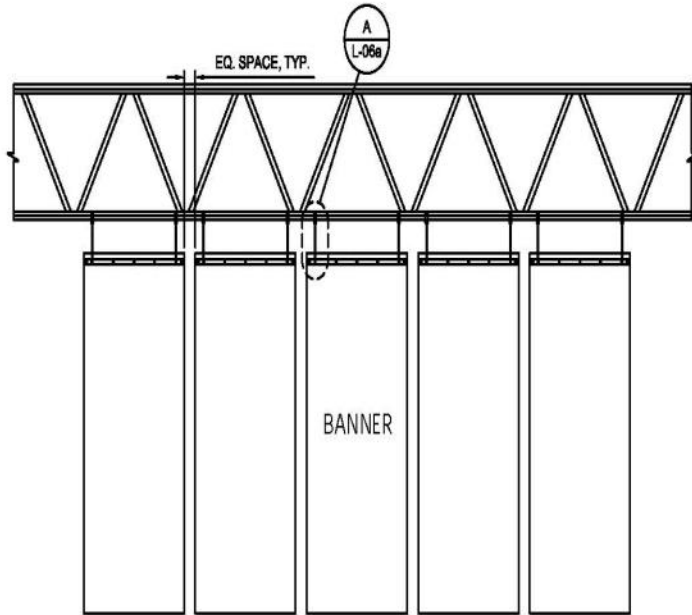
B
L-07

WASHER PLATE DETAIL
SCALE: NA



NOTES:

- 1) ILLUSTRATES A SNUG ATTACHMENT OF LAPENDARY PANELS USING 3" COLOR-MATCHED WASHER PLATES FASTENED DIRECTLY TO THE UNDERSIDE OF A DECK OR CEILING.
- 2) THERE IS APPROXIMATELY 3" OF FESTOON BETWEEN 4'-0" ON CENTER ATTACHMENT POINTS.
- 3) PERFORATED SIDE TO FACE DOWN.

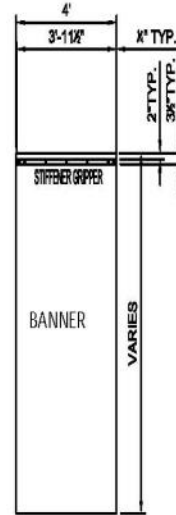


1
L-08

VERT. - TYP. ATTACHMENT DETAIL

SCALE: NA

NOTE:
DETAIL DRAWN TO SHOW SUSPENSION ATTACHMENTS ONLY. IT IS NOT REPRESENTATIVE OF
AN ACTUAL INSTALLATION.

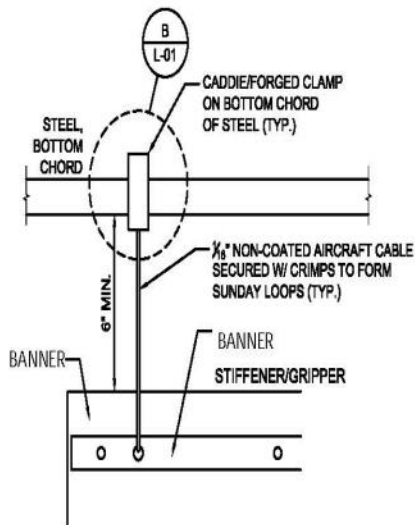


C
L-08

STIFFENER/GRIPPER DETAIL

SCALE: NA

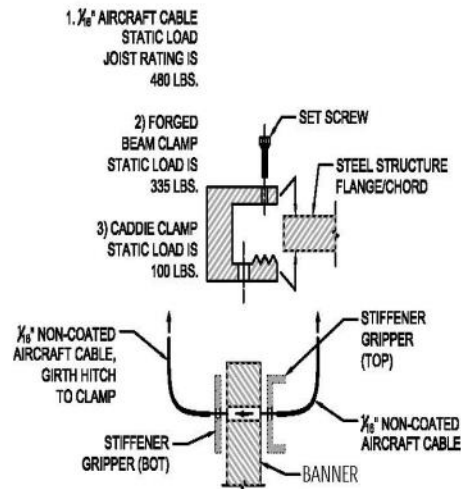
NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC
INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED
TO BE CONFIRMED BY OTHERS.



A
L-08

VERT. - TYP. BOTTOM CHORD ATTACHMENT DETAIL

SCALE: NA

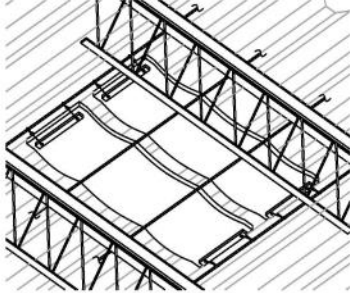


B
L-08

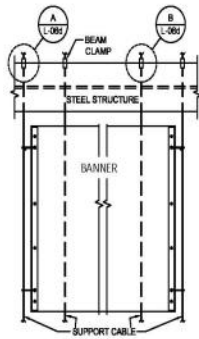
HARDWARE ATTACHMENT DETAIL

SCALE: NA

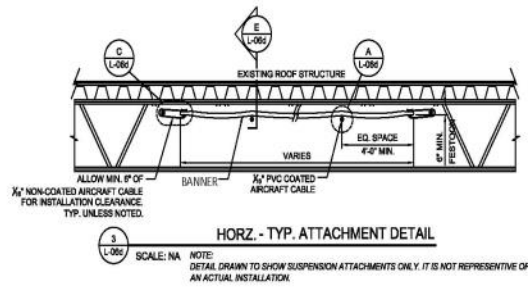
NOTE:
PRODUCT TO HAVE A MIN. 6" FESTOON ON EACH SIDE OF
SUPPORT CABLE.



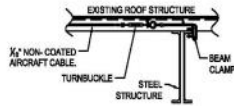
1
L-064
VIEW FROM BELOW
SCALE: NA



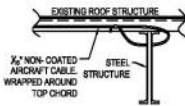
2
L-065
TOP VIEW
SCALE: NA



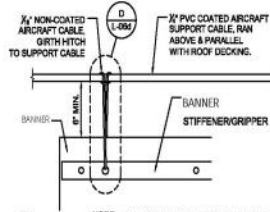
HORZ. - TYP. ATTACHMENT DETAIL



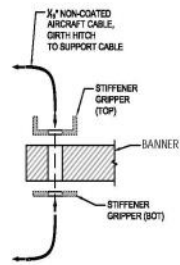
A
L-066
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 1
SCALE: NA



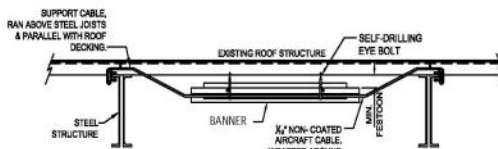
B
L-066
INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL - OPTION 2
SCALE: NA



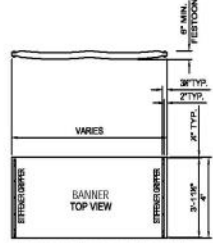
C
L-066
HORZ. - TYP. CABLE END ATTACHMENT DETAIL
SCALE: NA



D
L-066
HARDWARE ATTACHMENT DETAIL
SCALE: NA



E
L-066
HORZ. - INTERMEDIATE SUPPORT CABLE ATTACHMENT DETAIL
SCALE: NA



F
L-066
STIFFENER/GRIPPER DETAIL
SCALE: NA

NOTE: DRAWINGS AND DETAILS ARE INTENDED TO PROVIDE GENERIC
INSTALLATION GUIDELINES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND NEED
TO BE CONFIRMED BY OTHERS.