

Installation Instructions

40' x 40' Certified Anchor Bandshell



Please read all assembly / installation instructions before the installation or removal of this product.



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40' x 40' BANDSHELL PACKING LIST

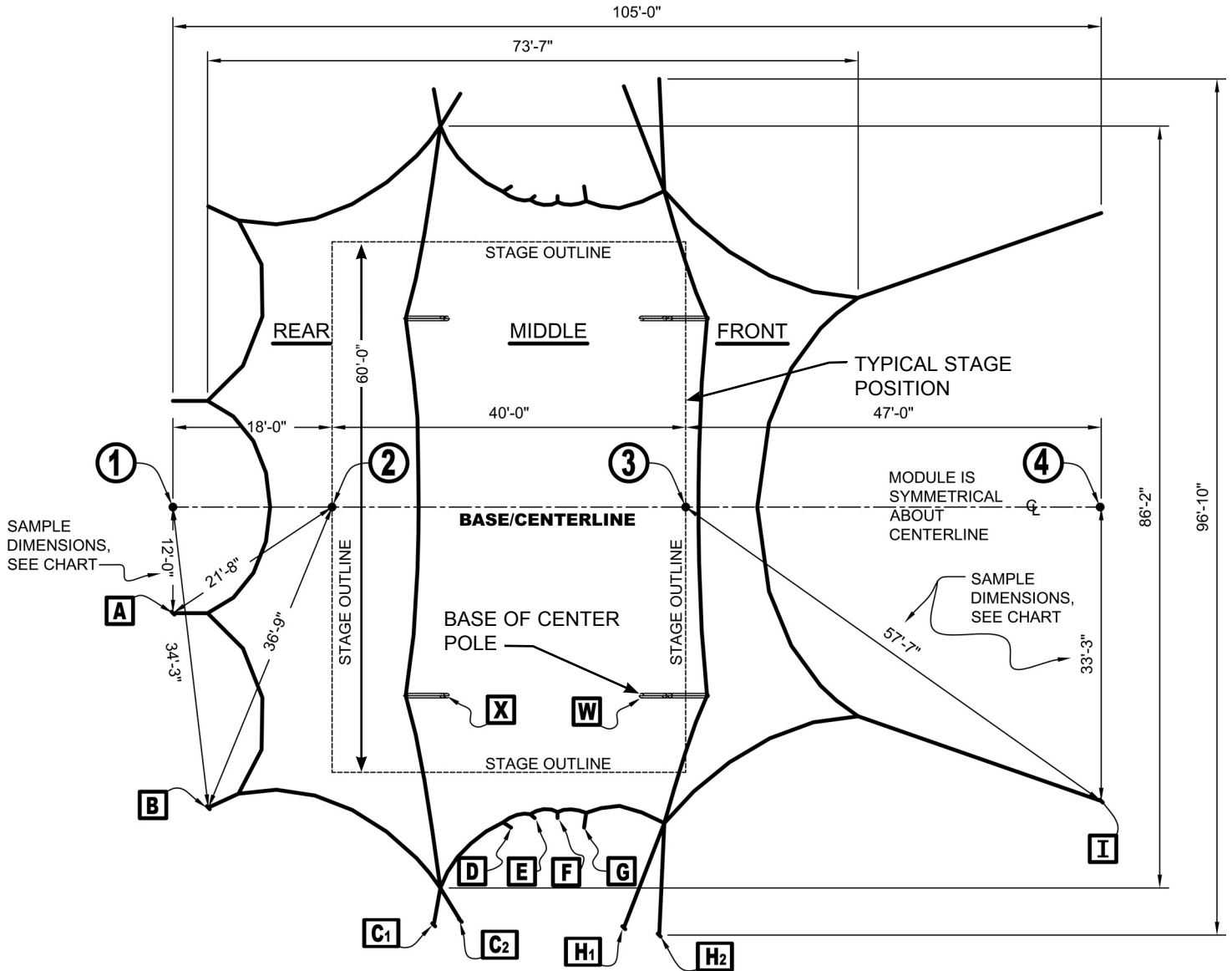
DESCRIPTION:	Quantity
Three (3) sections of bandshell fabric in canvas bags. Marked FRONT , MIDDLE , And REAR .	3
30" Steel Stake (for Base plates)	8
Front Pole, 32'-4" long aluminum	2
Rear Pole, 28'-4" long aluminum	2
Pole Base Plate with Bolt & Nut	4
1'-9 1/4" Cable (3/8") with 1'-0" turnbuckle and shackle Guy (Point A)	2
1'-3 3/4" Cable (3/8") with 1'-0" turnbuckle and shackle Guy (Point B)	2
2'-2 1/2" Cable (3/8") with 1'-0" turnbuckle and shackle Guy (Point D)	2
1'-5 3/4" Cable (3/8") with 1'-0" turnbuckle and shackle Guy (Point E & F)	4
2'-3 1/2" Cable (3/8") with 1'-0" turnbuckle and shackle Guy (Point G)	2
28'-11 3/8" (3/8") Cable with 1'-0" turnbuckle and shackle Guy (Point I)	2
(1) 7/8" Shackle, (2) Pear Rings, (4) 1'-0" Turnbuckles for Double Guy (Point C)	2
(1) 7/8" Shackle, (2) 12'-4" Cables (5/8"), (4) 1'-0" Turnbuckles for Double Guy (Point H)	2

***CAUTION** The installation of the Anchor Bandshell should be performed/supervised by knowledgeable tent installers with a clear understanding of safety issues as well as the methods of anchoring. The installer/owner should read the assembly instructions completely prior to any installation. Special attention should be given to anchoring! It is the responsibility of the installer/owner to assure proper anchoring at all points and that the anchoring system meet the load requirements defined on the blue print information included (see page 9). Additionally, blue prints are available for all "Certified" Bandshell orders.

TOOLS REQUIRED (NOT PROVIDED WITH BANDSHELL)	
DESCRIPTION:	Quantity
100' Tape Measure	2
Pole Stand (Tripod Type)	4
Pull Rope Assembly	2
Support Guy	2
36'-0" Take-up Double Block & Tackle	2
20'-0" Pole	4
Drop Cloths (approx. 40' x 50')	3
Drop Cloths (approx. 15' x 40')	3
Stake or Anchor Installation Tools (Manual or Power Drive Anchor Installers)	As Required
NOTE: Tools may be purchased from Anchor Industries Inc. or supplied by installer.	

40' x 40' BANDSHELL

Pole & Anchor Layout



DIMENSION CHART FOR POLE & STAKE LAYOUT				
STAKING PT.	DIST. FROM 1	DIST. FROM 2	DIST. FROM 3	DIST. FROM 4
A	12'-0"	21'-8"	-	-
B	34'-3"	36'-9"	-	-
C1	-	48'-8"	55'-2"	-
C2	-	48'-11"	53'-3"	-
D	-	41'-6"	41'-3"	-
E	-	42'-0"	39'-1"	-
F	-	43'-5"	38'-0"	-
G	-	46'-1"	38'-0"	-
H1	-	57'-11"	48'-1"	-
H2	-	60'-11"	48'-6"	-
I	-	-	57'-7"	33'-3"
X*	-	25'-0"	34'-5"	-
W*	-	41'-0"	21'-11"	-

*POLE BASE PLATE POSITIONS.

40' x 40' BANDSHELL ASSEMBLY INSTRUCTIONS

MINIMUM OF EIGHT WORKERS ARE REQUIRED TO ASSEMBLE THE BANDSHELL.

1. THE FIRST STEP IS TO LOCATE THE STAKE AND BASE PLATE POINTS, USING THE DIMENSION CHART ON PAGE 2.

YOU WILL NEED TWO 100' TAPE LINES AND HAVE SEVERAL MARKERS AVAILABLE TO MARK THE ANCHOR POINTS. DO NOT USE MARKERS WITH SHARP EDGES. THE FABRIC WILL REST ON SOME MARKERS BEFORE RAISING. A CAN OF QUICK-DRY SPRAY PAINT WILL DO, IF PERMANENT MARKING OF SITE IS ALLOWED.

DETERMINE WHERE THE CENTER AND FRONT OF THE STAGE IS TO BE. POSITION THE BASE/CENTER LINE SO THAT IT SPLITS THE STAGE IN HALF. LOCATE THE REFERENCE POINTS 1 THRU 4 AND MARK EACH. POINTS 2 & 3 ARE AT THE FRONT AND REAR EDGE OF A 40'-0" DEEP STAGE.

NOW LOCATE AND MARK EACH POINT BY HOLDING THE END OF EACH TAPE AT THE CORRECT REFERENCE POINT AND MATCH THE CHART DIMENSIONS ON EACH TAPE. NOTE THAT THE POINTS ARE SYMMETRICAL ABOUT THE CENTER LINE.

WE RECOMMEND THAT YOU MARK YOUR TAPE LINES FOR EACH POINT TO DECREASE LAYOUT TIME AND CHANCES OF ERRORS.

2. INSTALL STAKES OR ANCHORING DEVICES AT EACH POINT AS SHOWN ON LAYOUT. THEN, STAKE THE FOUR BASEPLATES AT POINTS X & W WITH THE HINGE BOLT PERPENDICULAR TO THE CENTER LINE. WHEN INSTALLING AUGER STAKES, INSTALLER SHOULD BE FAMILIAR WITH HOW TO PROPERLY SECURE TO GROUND AS WELL AS WITH MECHANICAL EQUIPMENT AVAILABLE TO ASSIST IN THIS TASK. INSTALLATION DIRECTIONS CAN BE OBTAINED FROM THE SUPPLIER OF AUGERS. EACH GUY CABLE PROVIDED WILL TERMINATE WITH A JAW/EYE TURNBUCKLE WHICH MUST ADAPT TO THE ANCHORING SYSTEM YOU HAVE CHOSEN.

CAUTION: IT IS THE INSTALLER/OWNERS' RESPONSIBILITY TO EVALUATE AND APPROVE THAT ALL ANCHORING DEVICES MEET DEFINED LOADING. A PULL TEST OR ANALYSIS SHOULD BE DONE ON THE STAKING OR ANCHORING SYSTEM TO ASSURE THE LOADING INFORMATION INDICATED ON THE "PULLOUT LOAD" PRINT IS ADEQUATELY MET.

3. ASSEMBLE POLES. EACH POLE SECTION IS MARKED WITH A LETTER. MATCH SECTIONS WITH THE SAME LETTER AND BOLT TOGETHER.
4. LAY DROP CLOTHS OVER AREA TO PROTECT BANDSHELL TOP



5. UNFOLD REAR SECTION TO THE REAR OF POINTS X WITH LOOP SIDE TOWARD THE FRONT OF THE STAGE. WHEN COMPLETELY LAID FLAT, FOLD THE LOOP SIDE BACK ALMOST TO POINT A.

6. PLACE POLE STAND APPROXIMATELY 15'-0" DIRECTLY BEHIND BASE PLATES AT BOTH POINT X'S. MOUNT THE 28'-4" REAR POLES IN BASE PLATE WITH THE TOP TOWARD THE REAR AND SITTING IN THE POLE STAND. THE TOP OF THE POLE SHOULD BE APPROXIMATELY 5'-0" OFF THE GROUND.
(PHOTOS #1, & 2).



Photo 2

7. LAY DROP CLOTHS OVER POLES AND AROUND AREA FOR MIDDLE SECTION PROTECTION.

8. UNFOLD MIDDLE SECTION BETWEEN BASE PLATES AT POINTS X AND W, WITH THE LOOP SIDE TOWARD THE FRONT OF THE STAGE. WHEN COMPLETELY LAID OUT, PLACE THE SPOKE RINGS ON THE HOLE SIDE OF THE MIDDLE SECTION OVER THE POLE PINS, WHILE THREADING THE CABLES THROUGH THE RING. THEN, DO THE SAME WITH THE SPOKE RINGS ON THE REAR SECTION, PLACING THEM ON TOP OF THE FIRST RINGS. FOLD LOOP SIDE OF MIDDLE SECTION BACK APPROXIMATELY 10'-0" PAST POINTS X.
(PHOTO #3).

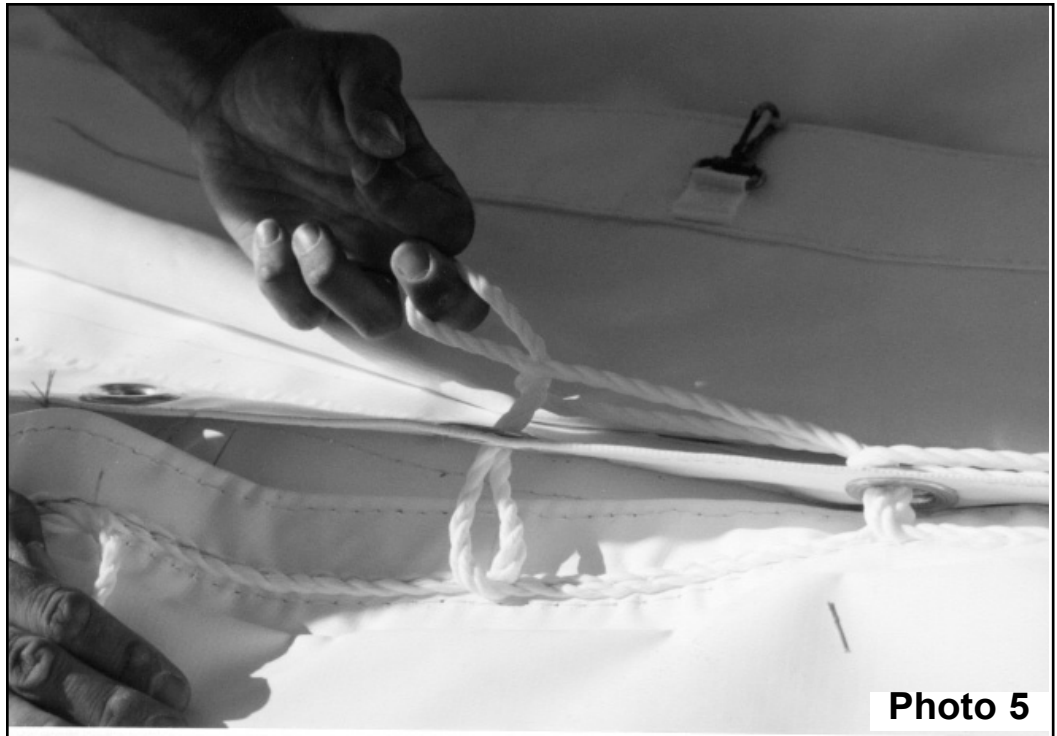


Photo 3



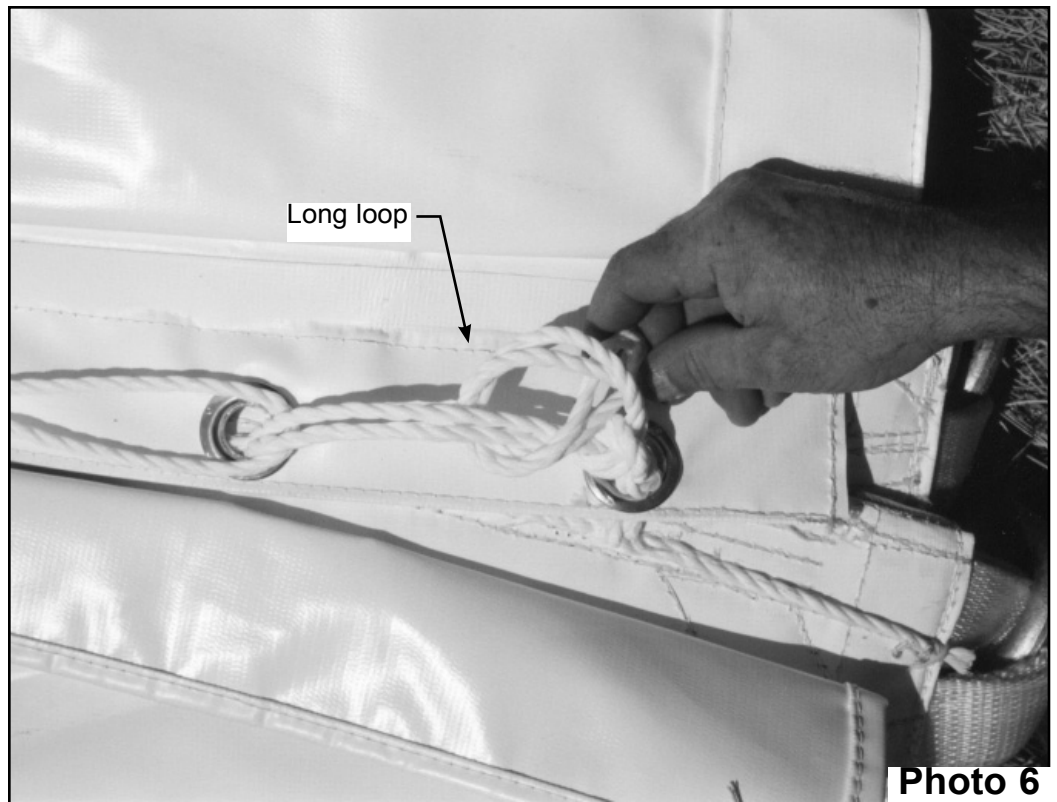
Photo 4

9. PLACE POLE STAND APPROXIMATELY 15'-0" DIRECTLY BEHIND BASE PLATES AT BOTH POINTS W. MOUNT THE 32'-0" FRONT POLES IN BASE PLATE WITH THE TOP TOWARD THE REAR AND SITTING IN THE POLE STAND. THE TOP OF THE POLE SHOULD BE APPROXIMATELY 5'-0" OFF THE GROUND. **(PHOTO #2).**



10. LAY DROP CLOTHS OVER POLES AND AROUND AREA FOR FRONT SECTION PROTECTION.

11. UNFOLD FRONT SECTION IN FRONT OF BASE PLATES AT POINTS W & W WITH HOLE SIDE TOWARD THE MIDDLE SECTION. WHEN COMPLETELY LAID OUT, PLACE THE TOP-HOLE RINGS ON HOLE SIDE OF FRONT SECTION OVER THE POLE PINS, WHILE THREADING THE CABLES THROUGH THE RING. THEN, DO THE SAME WITH THE TOP RINGS ON THE LOOP SIDE OF THE MIDDLE SECTION, PLACING THEM ON TOP OF THE FIRST RINGS. **(PHOTO #4).**



12. LACE ALL THREE SECTIONS TOGETHER. START AT TOP RING ON THE RIDGE SIDE WITH NO LONG LOOP. LACE ACROSS THE RIDGE AND TIE OFF WITH THE LONG LOOP. THEN, LACE DOWN EACH SLOPE AND TIE OFF AT EAVE WITH LONG LOOP. BE SURE THE LOOP SIDE WEB IS BETWEEN THE GROMMET FLAP AND THE HOLE SIDE WEB. LACING REQUIRES WALKING ON THE BANDSHELL TOP AND IT IS ADVISABLE TO REMOVE YOUR SHOES. **(PHOTOS #5, 6 & 7).**

Photo 7

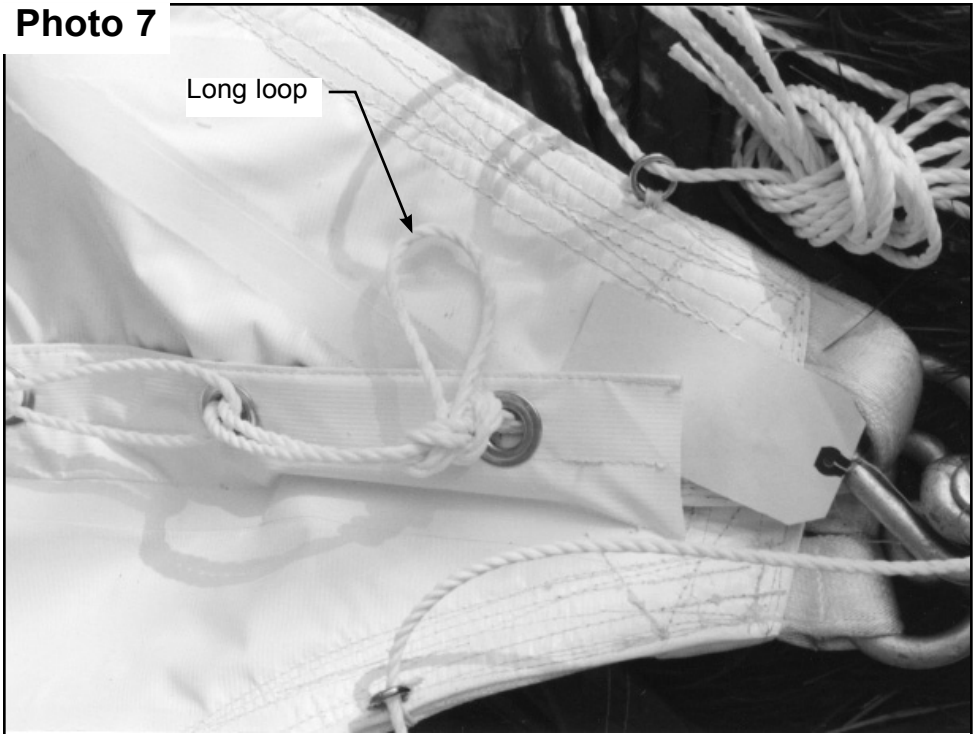


Photo 8



13. ATTACH FLAP SNAPS TO ROPES THAT ARE THROUGH D-RINGS ON TOP. SLOPE FLAPS ARE SEPARATE FLAPS AND ARE TO BE SNAPPED TO ROPES ON BOTH SIDES. ONE SNAP SHOULD BE ATTACHED TO THE ROPE BETWEEN EACH D-RING. **(PHOTO #8).**

14. ATTACH GUY CABLES AT ALL POINTS (A THRU I). **(SEE TABLE OF CABLES BELOW).** CONNECT THE END OPPOSITE THE TURNBUCKLE TO THE EAVE RING ON BANDSHELL.

NOTE: AT POINTS C & H, BE SURE THE LOOP SIDE PEAR SHAPED RING IS ON TOP OF THE HOLE SIDE PEAR SHAPED RING; AND THAT THE PEAR SHAPED RINGS ARE TURNED, SO THE SHACKLE IS PULLING ON THE SMALLER ENDS OF THE RINGS.

15. ASSEMBLE RIGGING
- A. SNAP ON SUPPORT GUY TO THE CABLES AT THE TOP OF EACH FRONT POLE AND LOOSELY TIE OFF THE OTHER END TO POINT H2.
 - B. ATTACH ONE PULL ROPE TO THE CABLES AT THE TOP OF EACH FRONT POLE. CONNECT ONE DOUBLE BLOCK & TACKLE AT BOTH POINT I'S. WITH THE BLOCKS FULLY EXTENDED, TIE THE PULL ROPES TO THE BLOCKS. LOOSELY TIE OFF THE BLOCK & TACKLES.
 - C. LASH TWO SETS (2) 20'-0" POLES TOGETHER AT THE TOP AND SECURELY ATTACH ONE SET TO RINGS ON EACH PULL ROPE. SET POLES UP, FORMING AN A-FRAME CANTILEVER TO LIFT FRONT POLES (BOTTOM OF A-FRAME SHOULD BE APPROXIMATELY 12' WIDE). **(PHOTOS #9, 10, 11 & 12).**

Location Point	TABLE OF CABLES	Quantity
A	1'-9 1/4" Total Guy Length - (3/8") Cable with (1) 1/2" x 1'-0" turnbuckle and (1) shackle	2
B	1'-3 3/4" Total Guy Length - (3/8") Cable with (1) 1/2" x 1'-0" turnbuckle and (1) shackle	2
C1 & C2	(1) 7/8" Shackle, (2) Pear Rings, (4) 3/4" x 1'-0" Turnbuckles for Double Guy	2
D	2'-2 1/2" Total Guy Length - (3/8") Cable with (1) 1/2" x 1'-0" turnbuckle and (1) shackle	2
E & F	1'-5 3/4" Total Guy Length - (3/8") Cable with (1) 1/2" x 1'-0" turnbuckle and (1) shackle	4
G	2'-3 1/2" Total Guy Length - (3/8") Cable with (1) 1/2" x 1'-0" turnbuckle and (1) shackle	2
H1 & H2	(1) 7/8" Shackle, (2) 12'-4" (5/8") Cables , (4) 3/4" x 1'-0" Turnbuckles for Double Guy	2
I	28'-11 3/8" Total Guy Length - (3/8") Cable with 1/2" x 1'-0" turnbuckle and (1) shackle	2

16. BE SURE THE CABLE GUYS AT POINTS A, B AND C (BOTH HALVES - 6 PLACES) HAVE BEEN SECURED TO ANCHORS. NOW, START PULLING ON ONE OF THE BLOCK & TACKLES, RAISING THE FRONT POLE UNTIL THE OPPOSITE FRONT POLE STARTS TO MOVE. TIE OFF THE BLOCK & TACKLE AND DO THE SAME WITH THE OTHER BLOCK & TACKLE, SWITCHING BACK AND FORTH, WATCHING THE REAR POLES ALSO, UNTIL THE FRONT POLES FALL SLIGHTLY FORWARD. TIE OFF GUYS AT POINTS I, REMOVE BLOCK & TACKLES AND A-FRAME POLES. **(PHOTOS #10, 11 & 12).**

IF THERE ARE ENOUGH WORKERS, BOTH BLOCK & TACKLES CAN BE PULLED AT THE SAME TIME.

17. SECURE AND TENSION ALL GUY CABLES, USE THE FOLLOWING ORDER TO PROPERLY SHAPE THE TOP (ADJUSTING TURNBUCKLES AS REQUIRED).

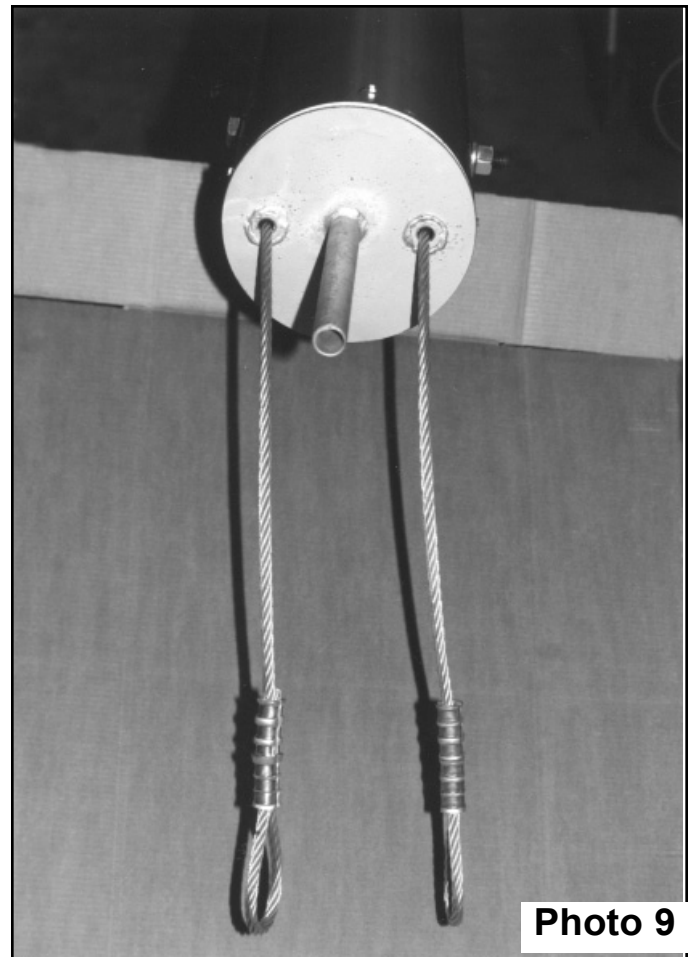
A. HOOK COME-ALONGS FROM POINTS H ON TOP TO POINT H1 & H2 ANCHORS (USE STUB ROPES IF NEEDED) ON EACH SIDE OF TENT (ALL 4 COME-ALONGS REQUIRED.) THEN, TENSION EACH EQUALLY UNTIL THE FRONT POLES ARE VERTICAL WHEN LOOKING FROM THE FRONT AND POINT H IS ABOUT 11'-0" FROM THE GROUND (BE SURE THE SUPPORT GUYS DO NOT BECOME TIGHT AND HOLD THE POLES APART). SECURE GUY CABLES AND REMOVE COME-ALONGS.

B. REPEAT STEP A AT POINTS C TO C1 & C2 WITH REAR POLES TO BE VERTICAL AND POINT C ABOUT 3'-0" FROM THE GROUND.

C. TIGHTEN GUYS AT POINTS A & B UNTIL REAR SECTION IS TENSIONED UNIFORMLY AND POINTS ARE ABOUT 2'-3" AND 1'-6" RESPECTIVELY FROM THE GROUND.

D. TIGHTEN CABLES AT POINTS I UNTIL FRONT SECTION IS TENSIONED UNIFORMLY AND POINT I IS ABOUT 12'-0" FROM THE GROUND.

E. TIGHTEN CABLES AT POINTS D, E, F, & G UNTIL POINTS ARE ABOUT 4'-0" TO 5'-0" FROM THE GROUND.



NOTE:

1. TENSION TOP SYMMETRICALLY ABOUT THE CENTER LINE. PULL ON LIKE POINTS ON EACH SIDE OF TENT AT THE SAME TIME (A & A, B & B, D & D, ETC).

2. THE POLES ARE TO BE VERTICAL FROM THE FRONT. THE FRONT POLES ARE TO LEAN APPROXIMATELY 7'-5" FORWARD AND THE REAR POLES ARE TO LEAN APPROXIMATELY 4'-8" BACKWARD.

18. DOUBLE CHECK THAT ALL GUYS AND STAKES ARE SECURE. DO THIS AT LEAST DAILY, MORE IN BAD WEATHER. THE GUYS WILL TEND TO LOOSEN DUE TO FABRIC STRETCH, WIND AND STAKE MOVEMENT.
19. LOOSELY TIE PULL ROPE TO POINTS H1 OR H2 AND LEAVE SUPPORT GUY IN PLACE. THEY WILL BE USED FOR DISASSEMBLY.

SEE PHOTOS OF COMPLETED ASSEMBLY: **PHOTOS #13, 14 & 15)**

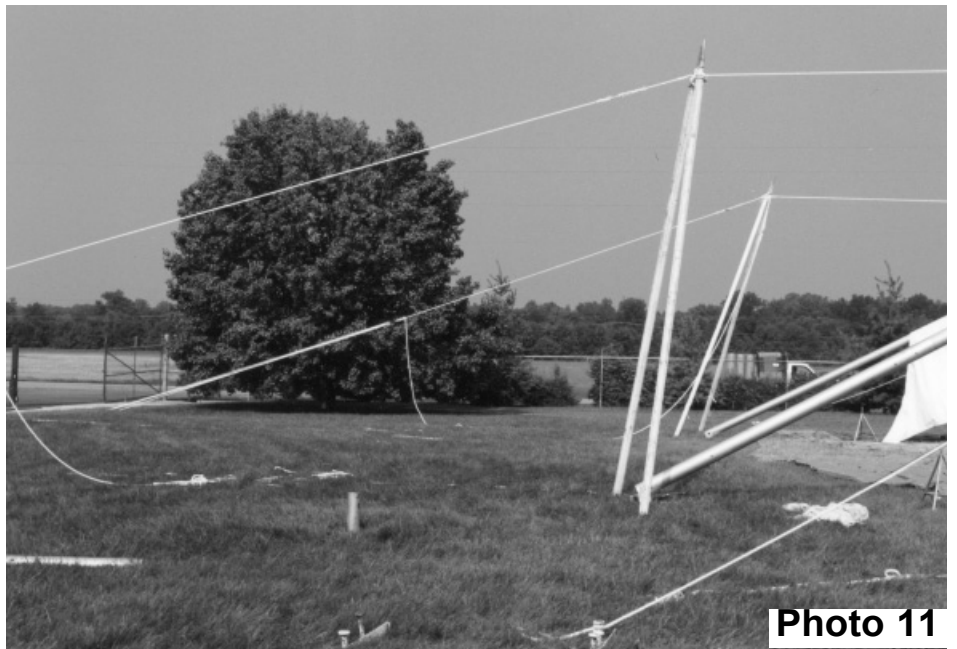


Photo 11



Photo 12



Photo 13

40' x 40' BANDSHELL LOAD REQUIREMENTS FOR ANCHORING SYSTEM

This number represents the actual guy rope load anticipated under maximum design load

This number represents the pre-stress force which is the amount of tension necessary in the guy rope to properly pull the tent out and keep it properly tensioned

This number represents the actual pull-out load that the anchoring device must resist in the direction of its corresponding guy rope under full load (includes safety factor)

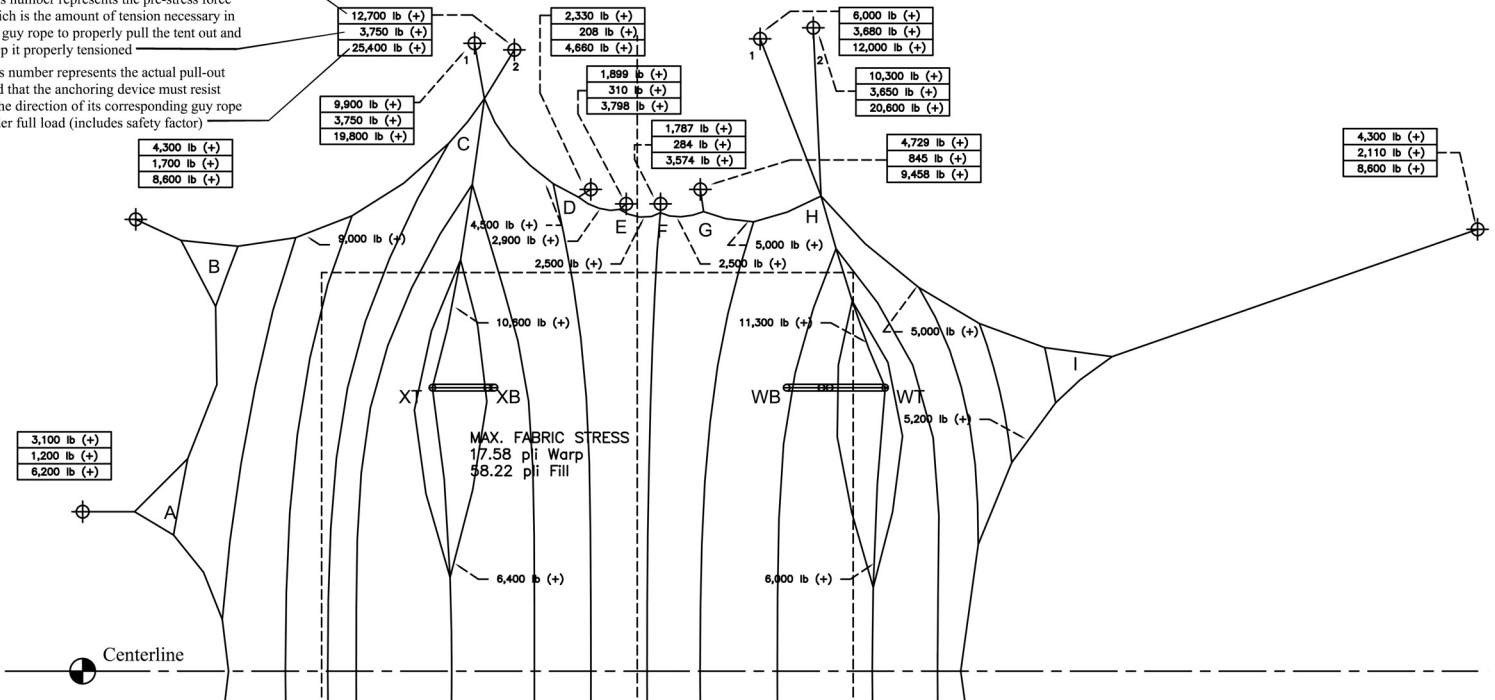


Photo 14



Photo 15



DISASSEMBLY INSTRUCTIONS

1. DISASSEMBLY IS THE REVERSE OF ASSEMBLY, EXCEPT AS FOLLOWS:
 - A. BE SURE A-FRAME POLES ARE SECURELY FASTENED TO RING ON PULL ROPE. THEY WILL BE LIFTED UP DURING THE FIRST STEPS AND MAY COME LOOSE.
 - B. THE BLOCK & TACKLE SHOULD BE PUT IN PLACE WITH A MINIMUM OF TAKE-UP.
 - C. CHECK SUPPORT ROPE, IT SHOULD NOT BE VERY TIGHT.
 - D. TO START THE POLES DOWN, RELEASE THE GUYS AT POINT I AND PUSH THE FRONT POLES BACK (BE SURE THE BLOCK & TACKLE IS TIED OFF).
 - E. BE SURE MATERIAL IS NOT CAUGHT AS YOU LET THE POLES DOWN ONTO STANDS.
2. CARE AND STORAGE:
 - A. ALWAYS MAKE ABSOLUTELY SURE FABRIC IS DRY BEFORE STORING.
 - B. STORE IN PROVIDED SACKS IN A COOL, DRY AREA - AWAY FROM RODENTS. RODENT PROTECTION MAY BE NECESSARY IF THEY ARE PLENTIFUL. KEEP OFF FLOOR.
 - C. CLEAN FABRIC WITH MILD LAUNDRY DETERGENT AND A SOFT BRISTLED BRUSH. A HIGH PRESSURE SPRAYER MAY BE USED, BUT KEEP THE NOZZLE 18" AWAY FROM FABRIC. DO NOT USE STEAM CLEANERS.
 - D. SAND AND PAINT THE STEEL BASE PLATES, STAKES AND TOP OF POLES BEFORE STORING TO ELIMINATE FUTURE RUSTING.
 - E. FOR SAFE BANDSHELL PERFORMANCE, CONDUCT REGULAR INSPECTION OF ALL CABLES, WEBS, HARDWARE AND STRUCTURAL COMPONENTS. REPLACE COMPONENTS IF THEY ARE WORN OR QUESTIONABLE.



PHONE NUMBER
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Anchor products are of superior design and operate best within the parameters of these instructions. It is imperative that the instructions be carefully read and **COMPLETELY FOLLOWED**. Please read installation instructions before the installation or removal of this product. Installation instructions are available online at www.anchorinc.com or by calling 1-800-544-4445.

CAUTION:

1. For each installation, the installer is solely responsible for evaluating the site and the proper securing method determined. Some soils require different staking or securing than that provided with the tent. Due to this variety of soil conditions, these are the manufacturer's suggested sequence of installation procedures. Anchor's responsibility is limited to the manufacture of the tent parts and materials. We are not responsible for methods that installers may choose to erect and secure the tent to the ground.
2. The number of stakes suggested in the installation instructions do not necessarily meet all or any relevant codes on the site of the tent installation. The number of stakes suggested **will, in many cases, keep the tent erected**, however, due to various soil conditions; these stakes will be insufficient **to keep the tent secure in high winds**. It is the tent installer's responsibility, not the manufacturer, to determine the appropriate number of stakes to meet the necessary wind loads on the site. Regardless of the number of stakes we suggest, we make no representation or warranty as to whether this specific number of stakes will meet the local tent code. Anchor does not, nor can it make any suggestions, representation, or warranties about the adequate staking required at each specific installation site. Staking information provided in the installation instructions **is not a suggestion about what is necessary to meet a site-specific load**.

For additional important information, consult: "The IFAI Procedural Handbook For the Safe Installation and Maintenance of Tentage" and the IFAI Pocket Guide "Pullout Capacity of Tent Stakes", both available from the IFAI Tent Rental Division or on our website.

3. Inasmuch as the weather is unpredictable, good judgment and common sense must be incorporated within installation guidelines. It is the responsibility of the tent installer/maintainer to determine the severity of the weather, proper time and method of installation and/or erection and disassembly. **Note: We recommend that snow and ice be removed from the tent surface as soon as possible because accumulation will damage the tent or fabric structure. Please consult with our Engineering Department about the maximum loads for each product.**

This product has been manufactured for use as a temporary structure. For the safety of all occupants, evacuation is recommended if threatening weather occurs, or if there is any doubt concerning the safe use of this product.

4. Proper safety equipment should be used at all times to insure a safe installation and take down. We suggest a careful evaluation be made to determine safety equipment needed, such as hard hats, steel-toe shoes, safety glasses and other as required. It is our desire that all installations are safe. Please be aware of hidden dangers both underground, i.e., gas lines, water lines, electrical lines, etc. and above the tent such as power lines and telephone lines.
5. Anchor stands behind its products in accordance with its standard Terms and Conditions of sale. A copy of our Terms and Conditions of Sale can be obtained by contacting Anchor at the telephone number and/or address on this document.