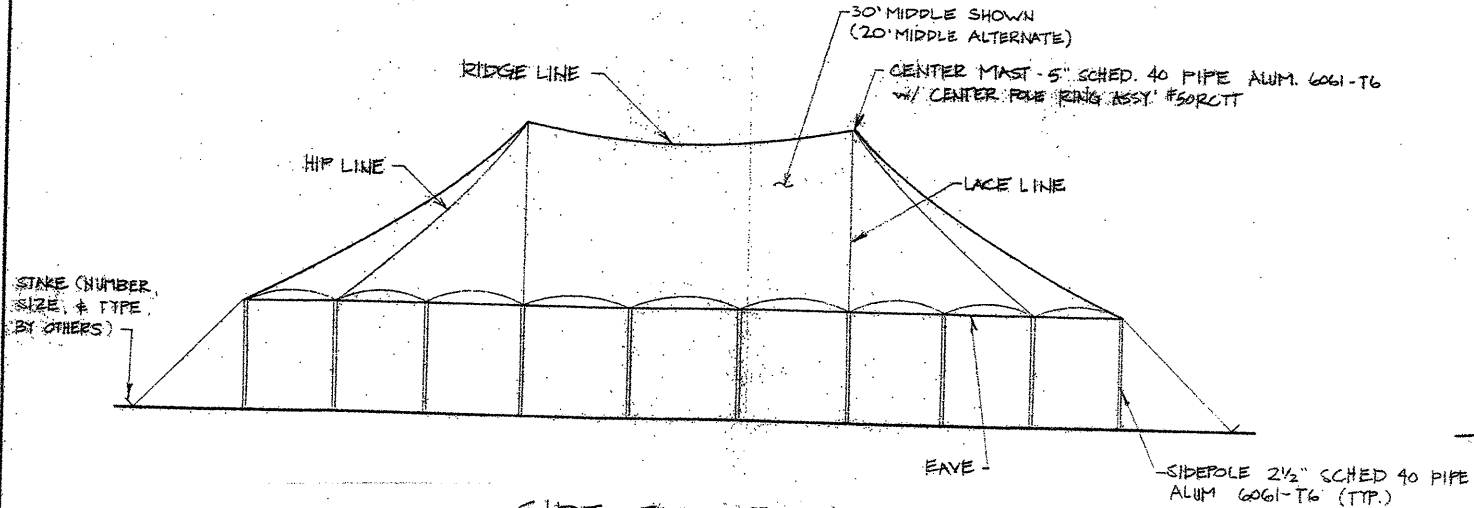


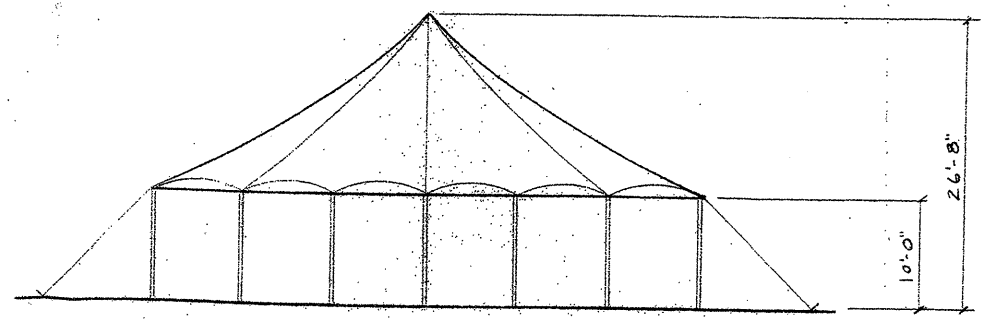
PLAN VIEW

△ SIGNIFIES A LACE LINE EDGE w/ GROMMETS ONLY
 ▲ SIGNIFIES A LACE LINE EDGE w/ GROMMETS & ROPE LACING

NOTE ** - TENT POLES SHALL BE FITTED w/ STEEL TUBING INSERTS (STAKED TO GROUND) WHEREVER THE TENT IS SUBJECT TO LIFTING OFF GROUND IN WIND.



SIDE ELEVATION



END ELEVATION

THE DRAWING CONVEYS IN PRINCIPLE THE ENGINEERING DESIGN USED IN THE DESIGN OF THE 50' WIDE EURO TENT. THE ENGINEERING DESIGN IS NOT TO BE USED FOR REVIEW OR APPROVAL. THE DRAWING SHALL BE ACCOMPANIED BY THE MANUFACTURER'S ASSURANCE THAT THE CONSTRUCTION DETAILS USED IN THE ACTUAL MANUFACTURE OF THE TENT ARE THOSE WHICH HAVE BEEN APPROVED IN ADVANCE BY THE ENGINEER.

THE ADEQUACY AND APPROPRIATENESS OF THE ENGINEERING DESIGN SELECTED FOR THIS STRUCTURE SHOULD BE REVIEWED FOR EACH SITE AND INSTALLATION BASED ON LOCAL CLIMATE AND WIND CONDITIONS. GEOGRAPHICAL LOCATION, EXPOSURE, DURATION OF INSTALLATION, OCCUPANCY AND CODE REQUIREMENTS.

THIS TENT HAS BEEN DESIGNED FOR TO HIGH WIND EXPOSURE. EXPOSURE IS TAKEN AS THAT DESIGN IN ASCE 7-98. THIS TENT DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES USING CORRESPONDING SURF RESPONSE FACTORS AND EXPOSURE FACTORS. THIS IS DEFINED AS URBAN AND SUBURBAN AREAS, WOODED AREAS, OR OTHER TERRAIN WITH NUMEROUS CLOSELY SPACED OBSTRUCTIONS HAVING THE SIZE OF SHELVE TANKS, DWELLINGS OR LARGER.

EACH SITE IS UNLESS AS TO GROUND CONDITIONS, EXPOSURE, ETC. THIS DESIGN DOES PROVIDE MAX. GUY ROPE LOADS THAT THESE ARE ACTUAL UNFACTORED LOADS.

IT IS ASSUMED THAT THIS TENT IS INSTALLED AT GRADE ON A HORIZONTAL GROUND PLANE ON WELL-DRAINED SOIL.

IT IS ASSUMED THAT THIS TENT WILL HAVE AN OCCUPANT LOAD OF FEWER THAN 300 PERSONS AND BE INSTALLED FARTHER THAN 500 FEET FROM AN OCEANIC COASTLINE.

THIS TENT IS NOT DESIGNED FOR SNOW EXPOSURE.

THIS TENT IS NOT DESIGNED TO CARRY POURED WATER.

THIS DESIGN ASSUMES NO SIDEWINDS.

THIS TENT IS NOT DESIGNED AS A HAVEN IN A STORM. IT SHOULD BE EVACUATED IN THE EVENT OF A STORM.

MATERIALS

1. FABRIC SHALL BE DURACOTE 609 25 OZ./SQ. YD. VENTILATED POLYESTER.

FABRIC PANELS TO BE JOINED TOGETHER SHALL BE PATCHED. NODE NUMBER FOR NODE NUMBER.

FABRIC SEAMS SHALL BE RIVETED. SEAMS TO DEVELOP AT LEAST 50% OF THE TENSILE STRENGTH OF THE FABRIC JOINED.

WHERE SEAM STITCHING IS REQUIRED, THESE SHALL BE UV RESISTANT POLYESTER, MANUFACTURED FOR THAT PURPOSE.

2. WEBBING SHALL BE 2" WIDE POLYESTER WOODCOLE, PER NOM. MIN. BREAKING STRENGTH MAX. ELONGATION AT BREAK = 12% (MILDLY-TREATED AND UV RESISTANT).

3. SIDEPOLLS CENTER MASTS SHALL BE 808-T6 ALUMINUM SCHEDULE 40 PIPE.

4. GUY ROPES SHALL 3/4" DIA. 8-STRAND TWISTED SPIT PLTY POLYPROPYLENE ROPE WITH A MIN. BREAKING STRENGTH OF 8800 LBS. ROPE AND WEBBING MUST BE MAINTAINED TAUT.

5. HARDWARE SHALL BE 304 STAINLESS. WEBBING SHALL BE STAINLESS STEEL.

6. STAKES ARE NOT SOLICITED AS PART OF THE PRODUCT. STAKES TO BE PURCHASED BY THE INSTALLER. THE RESISTANCE OF THE STAKES SHOULD BE CHOICE STAKES OF THE APPROPRIATE MATERIAL TYPE AND SIZE TO DEVELOP THE NECESSARY HOLDING CAPABILITY. STAKE INFORMATION FOR THE SITE CONDITIONS - SEE THE TENT MANUFACTURER'S INSTALLATION MANUAL.

INSTALLATION

1. SITE SELECTION AND ANCHORING OF THIS TENT IS THE RESPONSIBILITY OF THE INSTALLER.

2. EACH COMPONENT OF THIS TENT SHOULD BE INSPECTED AT THE BEGINNING OF EACH INSTALLATION. DAMAGED MATERIALS SHOULD BE REPLACED BEFORE INSTALLATION BEGINS.

3. ALL ANCHOR LOCATIONS MUST BE ACCURATELY LAYOUT.

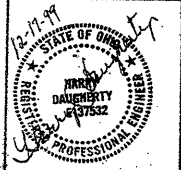
4. BEFORE INSTALLATION IS COMPLETE, ADEQUATE TENSION MUST BE APPLIED TO THE GUYING ROPES IN ORDER TO STRETCH THE FABRIC TAUT. CORRECT PULLING OUT AND STRETCHING OF THIS TENT REQUIRES DILIGENCE, PATIENCE, CONSIDERABLE SKILL AND EXPERIENCE WHICH CAN ONLY BE OBTAINED THROUGH PROPER FIELD TRAINING.

5. THIS DRAWING DOES NOT CONSTITUTE AN INSTALLATION MANUAL.

6. A VARIETY OF WEATHER AND MATERIAL FACTORS CAN RESULT IN UNEXPECTED STRUCTURAL PERFORMANCE OF THIS TENT. WHILE IT IS MAINTAINED BY THE INSTALLER, THE INSTALLER SHOULD ARRANGE TO MONITOR WEATHER REPORTS AND MAKE PERIODIC INSPECTIONS AND ADJUSTMENTS TO THE TENT DURING THE COURSE OF ANY GIVEN DEPLOYMENT. THE TENT SHOULD BE EVACUATED IN ADVANCE OF ANY STORM WINDS.

ISSUED 12-10-99

ARMBRUSTER TENT MAKER
 ESTABLISHED 1875
 800-637-4326



SCALE: 1/8" = 1'-0"		APPROVED BY:	DRAWN BY: JLG
DATE: 12-6-99		REVISION:	
FOR: ARMBRUSTER MFG.		DRAWING NUMBER: EUR050-1	

PLAN & ELEVATIONS

50' WIDE EURO TENT