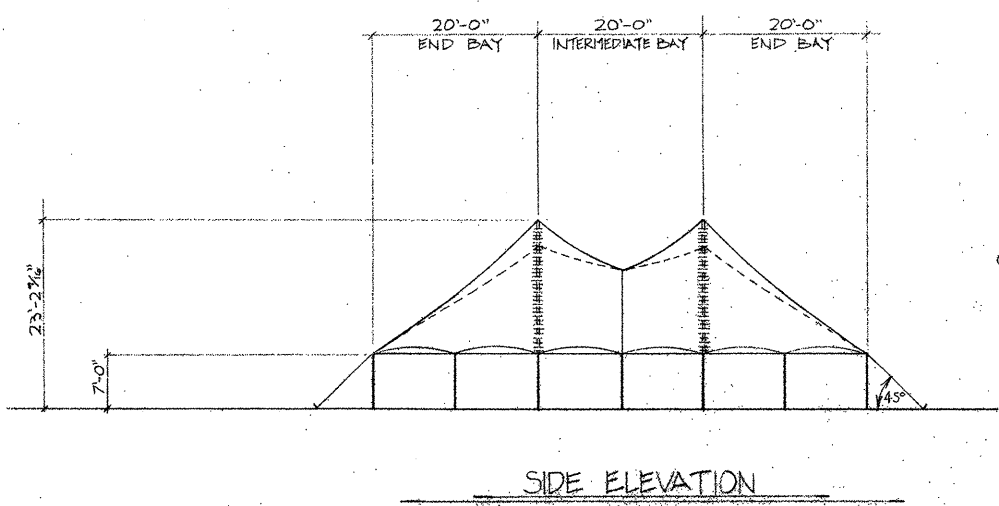
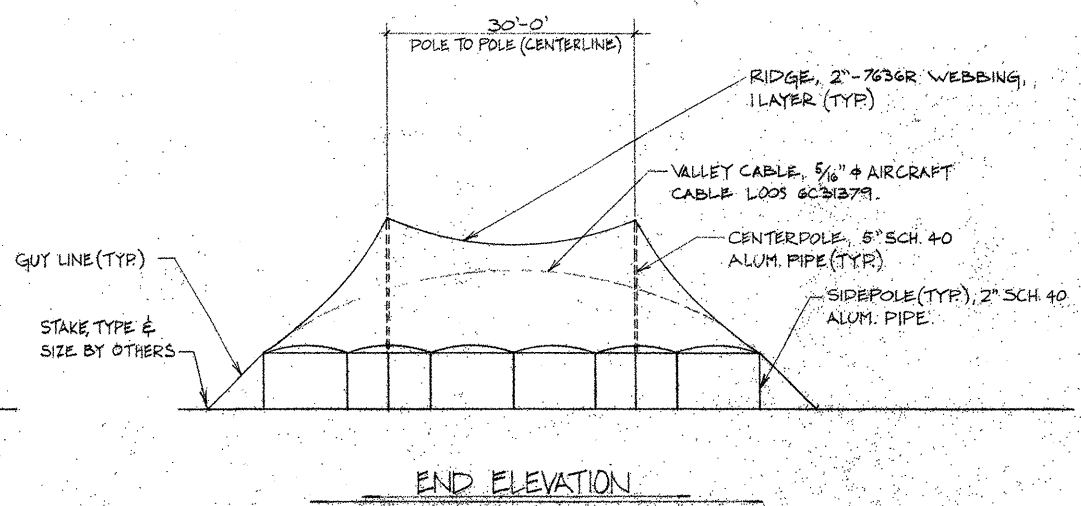


PLAN

- △ SIGNIFIES EDGE W/ GROMMETS ONLY
- ▲ SIGNIFIES EDGE W/ GROMMETS & ROPE LACING



SIDE ELEVATION



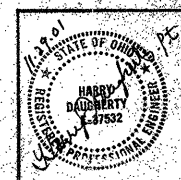
END ELEVATION

* HOLD FOR STAKE PULL OUT LOADS.

**** NOTE INSTALLER: GUY LINES MAY HAVE TO BE GANG STAKED TO DEVELOP THE ADEQUATE PULL OUT STRENGTH.**
 TENT POLES SHALL BE FITTED W/ STEEL TUBING INSERTS (STAKED TO GROUND) WHEREVER THE TENT IS SUBJECT TO LIFTING OFF THE GROUND IN WIND.

- DESIGN**
1. THIS DRAWING CONVEYS IN PRINCIPLE THE ENGINEERING CRITERIA USED IN THE DESIGN OF THE 60' WIDE ARMBRUSTER EURO TENT. WHEN USED IN REVIEW OR APPROVAL, THIS DRAWING SHALL BE ACCOMPANIED BY THE MANUFACTURER'S ASSURANCE THAT THE CONSTRUCTION DETAILS USED IN THE ACTUAL MANUFACTURE OF THIS TENT ARE THOSE WHICH HAVE BEEN APPROVED IN ADVANCE BY THIS ENGINEER.
 2. THE ADEQUACY AND APPROPRIATENESS OF THE ENGINEERING CRITERIA SELECTED FOR THIS STRUCTURE SHOULD BE REVIEWED FOR EACH SITE AND INSTALLATION BASED ON LOCAL CLIMATE AND WIND CONDITIONS, GROUND CONDITIONS, EXPOSURE, DURATION OF INSTALLATION, OCCUPANCY, AND CODE REQUIREMENTS.
 3. THIS TENT HAS BEEN DESIGNED FOR 25 MPH WIND EXPOSURE. EXPOSURE 'B' IS TAKEN AS THAT DEFINED IN ASCE 7-91. MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, USING CORRESPONDING GUST RESPONSE FACTORS AND EXPOSURE FACTORS. THIS IS INTENDED AS URBAN AND SUBURBAN AREAS, BEACH AREAS OR OTHER TERRAIN WITH NUMEROUS CLOSELY SPACED OBSTACLES HAVING THE SIZE OF SINGLE FAMILY DWELLINGS OR LARGER.
 4. STAKING OF THIS TENT IS NOT PART OF THIS DESIGN INASMUCH AS EACH SITE IS UNIQUE AS TO GROUND CONDITIONS, EXPOSURE, ETC. THIS DESIGN DOES PROVIDE MAX. GUY ROPE LOADS. NOTE THAT THESE ARE ACTUAL, UNFACTORED LOADS.
 5. IT IS ASSUMED THAT THIS TENT IS INSTALLED AT GRADE ON A HORIZONTAL GROUND PLANE OR WELL DRAINED SOIL.
 6. IT IS ASSUMED THAT THIS TENT WILL HAVE AN OCCUPANT LOAD OF TWENTY (20) PERSONS AND BE INSTALLED FARTHER THAN 100 MILES FROM A HURRICANE COASTLINE.
 7. THIS TENT IS NOT DESIGNED FOR SNOW EXPOSURE.
 8. THIS TENT IS NOT DESIGNED TO CARRY PONDED WATER.
 9. THIS DESIGN ASSUMES NO SIDEWALLS.
 10. THIS TENT IS NOT DESIGNED AS A HAVEN IN A STORM. IT SHOULD BE EVACUATED IN THE EVENT OF A STORM.
- MATERIAL**
1. FABRIC SHALL BE DURACOTE 661 25 OZ/SQ. YD VINYL LAMINATED POLYESTER.
 2. FABRIC PANELS TO BE JOINED SHALL BE MATCHED NODE NUMBER FOR NODE NUMBER.
 3. FABRIC SEAMS SHALL BE RF WELDED, SIZED TO DEVELOP THE FULL STRENGTH OF THE FABRIC JOINED.
 4. WHERE SEWN SEWING IS REQUIRED, THREAD SHALL BE UV RESISTANT POLYESTER, MANUFACTURED FOR THAT PURPOSE.
 5. WEBBING IN VALLEY SHALL BE 2 X 2 LAYERS OF 2" WIDE POLYESTER W/ 6000 LB. PER INCH MIN. BREAKING STRENGTH (MAX. ELONGATION AT BREAK = 12%) MILDEW TREATED AND UV RESISTANT.
 6. SIDEPOLLS AND CENTER MASTS SHALL BE 6061-T6 ALUMINUM SCHEDULE 40 PIPE.
 7. GUY ROPES SHALL BE 3/8" DIA. 7 X 19 GALVANIZED AIRCRAFT CABLE WITH A MIN. BREAKING STRENGTH OF 14000 LBS. OR 2" WIDE STAINLESS STEEL WEBBING RATCHET ASSEMBLY WITH SLMCOX STAINLESS QUICK LINK #5016-010 @ ENDS. CONDITION OF WEBBING RATCHET ASSEMBLY SHALL BE INSPECTED FOR CRACKS OR OTHER DEFECTS PRIOR TO EVERY INSTALLATION. WIRE ROPES AND RATCHET ASSEMBLY SHALL BE MAINTAINED TIGHT.
 8. HARDWARE SHALL BE LOAD RATED. WEB PLATES SHALL BE STAINLESS STEEL.
 9. STAKES ARE NOT SOLD AS PART OF THIS PRODUCT SO AS TO EMPHASIZE THE DUTY AND RESPONSIBILITY OF THE INSTALLER TO CHOOSE STAKES OF THE APPROPRIATE NUMBER, TYPE, AND SIZE TO DEVELOP THE NECESSARY HOLDING POWER PER GUY ROPE LOAD FOR THE SITE CONDITIONS WHERE THE TENT WILL BE INSTALLED.
- 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 Laid OUT.
 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 DRESSING OF THIS TENT REQUIRES DILIGENT PATIENCE, CONSIDERABLE SKILL, AND EXPERIENCE WHICH CAN ONLY BE OBTAINED THROUGH PROPER IN-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 UNATTENDED BY THE INSTALLER. THUS, 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 VACATED IN ADVANCE OF ANY STORM WINDS.

REVISED, ADDED TIE-BACK FORCES 11-21-01
 ISSUED FOR END SECTION FABRICATION 10-02-00



PLAN & ELEVATIONS			
SCALE: 3/32"=1'-0"	APPROVED BY: <i>Harry Daugherty</i>	DRAWN BY: JSD	
DATE: 8-3-00		REVISED: 11-21-01	
60' WIDE TWIN POLE EURO TENT		PUSH POLE TENT	
PRE-ENGINEERED		FOR ARMBRUSTER MFG.	
DRAWING NUMBER: EUB280-1			

CHKD: HED 11-29-01 10:03:00