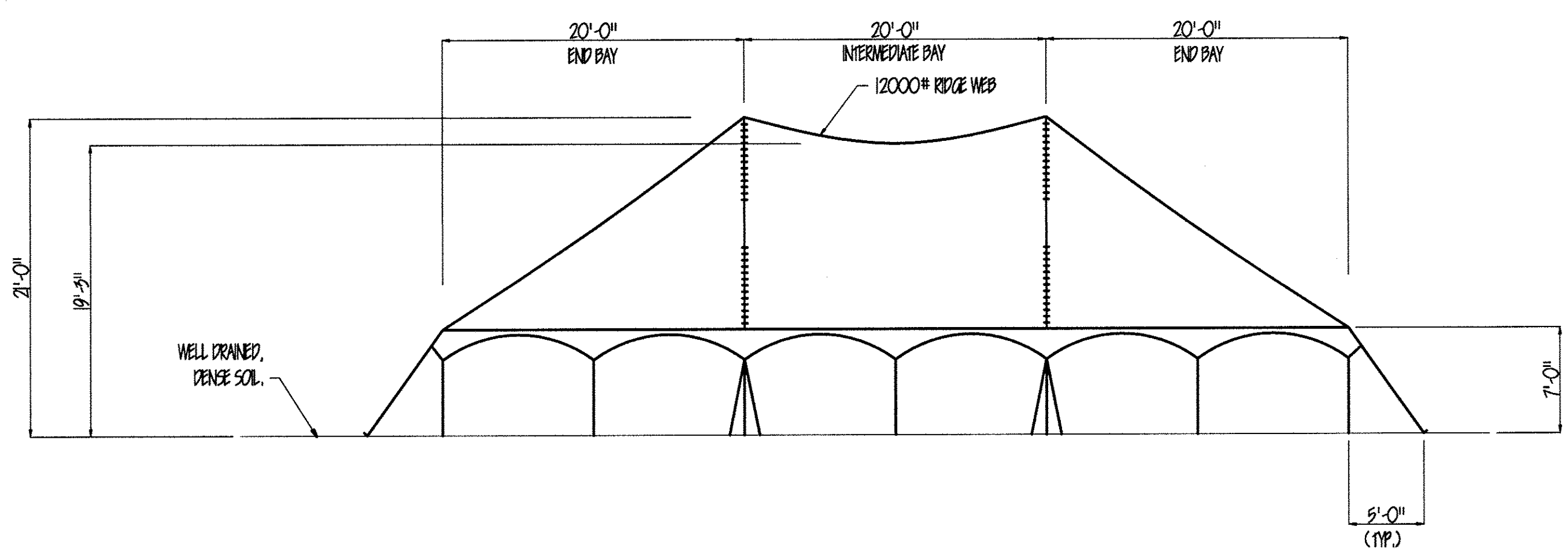
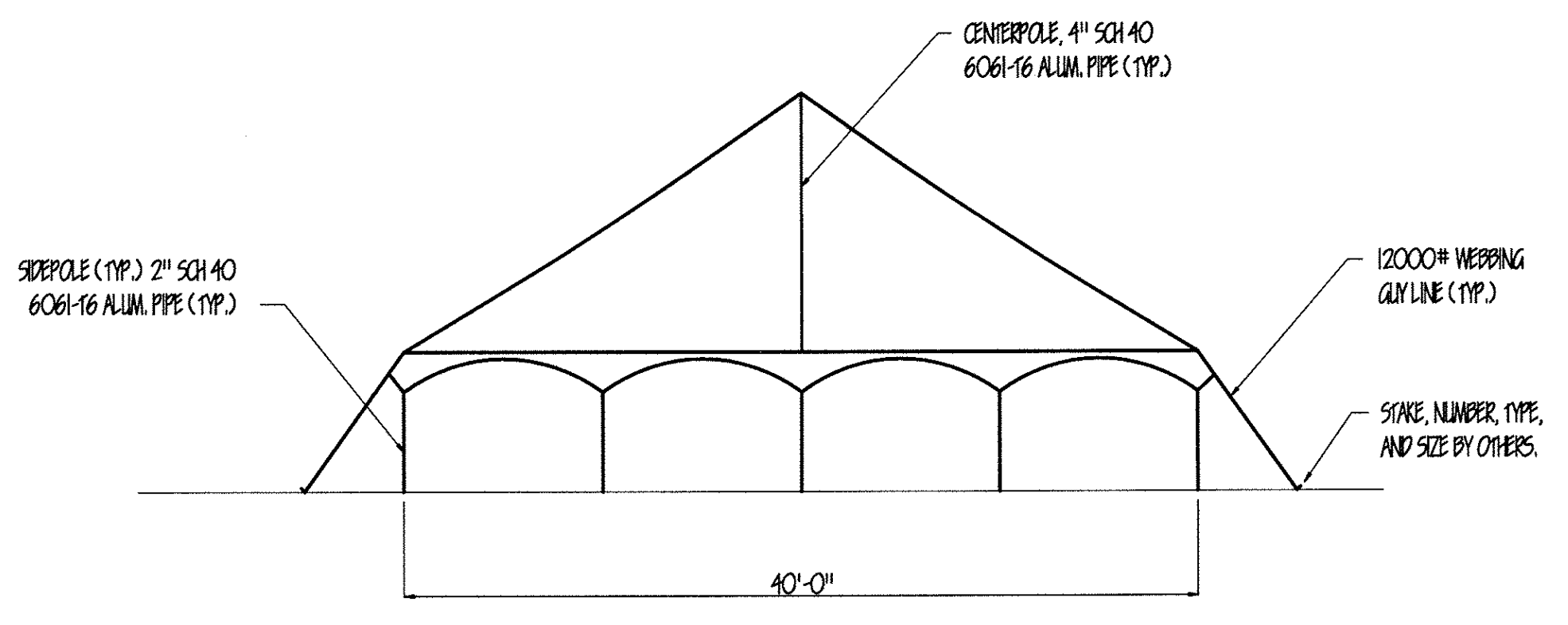


PLAN

*NOTE: TE-BACK FORCES INDICATED THIS:
 "-----" # P.S. ARE AT INSTALLATION,
 WITHOUT SUPERIMPOSED WIND OR
 LIVE LOADS.



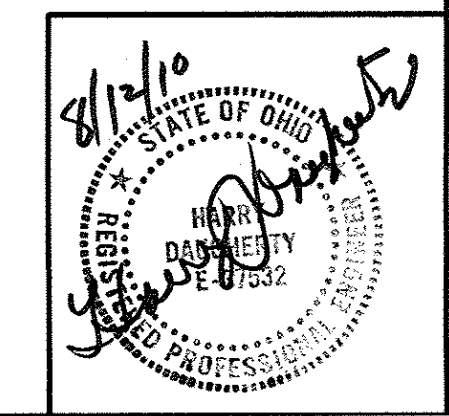
SIDE ELEVATION



END ELEVATION

NOTES AND SPECIFICATIONS

1. THIS DRAWING REPRESENTS THE DESIGN OF THE 40 FT. POLE TENT AS MANUFACTURED BY TOPEC, INC. THIS DRAWING IS NOT A CERTIFICATION OF MECHANICAL DEVELOPMENT OF APPLICABLE GRADE ANCHOR RESPONSE FOR THIS TENT IS A DIRECT FUNCTION OF THE SPECIFIC SITE CONDITIONS AND IS, THEREFORE, NOT CREATED BY THIS DRAWING. THE REQUIRED GRADE ANCHOR RESPONSE VALUES SHOWN MUST BE STRICTLY ADHERED TO BY THE INSTALLER AS IDENTIFIED BY THIS DRAWING. THE ACTUAL DEVELOPMENT OF THESE VALUES (WITH A MINIMUM SAFETY FACTOR OF 2 APPLIED TO HEAD) IS THE RESPONSIBILITY OF THE INSTALLER.
2. THIS TENT HAS BEEN ANALYZED FOR THE FOLLOWING LOAD CASES:
 - A. PRE-SHRESS PLUS DEAD LOAD.
 - B. PRE-SHRESS PLUS DEAD LOAD PLUS 90 MPH WIND, 10° EXPOSURE, PER ASCE 7-05 / IBC 2006.
 - C. PRE-SHRESS PLUS DEAD LOAD PLUS 9.0 PSF UNIFORM DOWNLOAD.
 - D. PRE-SHRESS PLUS DEAD LOAD PLUS 10.0 PSF UP LOAD.
 - E. TE-BACK FORCES BASED ON 20 PSF PRESSURE ON PROJECTED CROSS SECTIONAL AREA PER IBC 1002.
3. THIS TENT SHALL BE INSTALLED, MAINTAINED, AND MANIPULATED PER THE MOST CURRENT INDUSTRY PRACTICES AS PUBLISHED AND PROMULGATED BY THE FPA TENT TENTAL DIVISION OR THE AMERICAN TENTAL ASSOCIATION.
4. THIS TENT SHALL NOT BE ALLOWED TO BECOME LOOSE SO THAT DYNAMIC CONDITIONS CAN CAUSE THE TENT TO BECOME PROGRESSIVELY UNSTABLE.
5. POLES SHALL BE PROTECTED FROM LIMPING OR OTHERWISE LOSING THEIR FOOTING ON THE BEARING SURFACE.
6. THIS TENT SHALL BE DAMAGED IN THE CASE OF HIGH WINDS.
7. THIS DRAWING SHALL BE VIEWED WITH THE FOLLOWING TOPEC DETAIL SHEETS:
 - A. DETAIL OF CENTER RING ON THE GROMMET END, 4/10/01.
 - B. DETAIL OF CENTER RING ON THE LACE END, 4/10/01.
 - C. DETAIL OF CORNER, 4/10/01.
 - D. DETAIL OF INTERMEDIATES, 4/10/01.
 - E. DETAIL OF GROMMET END, 4/10/01.
 - F. DETAIL OF LACE END, 4/10/01.
8. THIS TENT HAS BEEN ANALYZED WITH THE FOLLOWING TOPEC DETAIL SHEETS:
 - A. DETAIL OF CENTER RING ON THE GROMMET END, 4/10/01.
 - B. DETAIL OF CENTER RING ON THE LACE END, 4/10/01.
 - C. DETAIL OF CORNER, 4/10/01.
 - D. DETAIL OF INTERMEDIATES, 4/10/01.
 - E. DETAIL OF GROMMET END, 4/10/01.
 - F. DETAIL OF LACE END, 4/10/01.
9. THIS TENT HAS BEEN ANALYZED WITH THE FOLLOWING TOPEC DETAIL SHEETS:
 - A. DETAIL OF CENTER RING ON THE GROMMET END, 4/10/01.
 - B. DETAIL OF CENTER RING ON THE LACE END, 4/10/01.
 - C. DETAIL OF CORNER, 4/10/01.
 - D. DETAIL OF INTERMEDIATES, 4/10/01.
 - E. DETAIL OF GROMMET END, 4/10/01.
 - F. DETAIL OF LACE END, 4/10/01.
10. MANUFACTURER SHALL PATTERN FABRIC TO ACCURATELY REFLECT SURFACE GEOMETRY USED FOR THIS ANALYSIS.



08/12/10

h.b.daugherty, p.e.
 CONSULTING ENGINEER
 WHITEHOUSE, OHIO 43571

PLAN, ELEVATION, & NOTES

SCALE 1/8" = 1'-0"	DRAWN BY J.C.	CHECKED BY J.C.
40 FT. WIDE PPC PRE-ENGINEERED POLE TENT		
FOR TOPEC, INC.		PROJECT NUMBER 081274