



APPENDIX C
DESIGN WORKSHEET

The Licensee shall provide the following information **for each pole** with their Application for Permit:

General:

Pole No. (if pole tag is missing, contact Grant PUD):	
Pole Class (existing – i.e., 4, 3, 2...):	
Pole Size (existing – i.e., 35, 40...):	
Pole Type (Western Red, Cedar...):	
Pole Fore Span (feet):	
Pole Back Span (feet):	
Calculated Bending Moment at Ground Level (ft-lbs):	

Proposed Cables:

Quantity	Diameter	Feet Above Ground Line

The minimum vertical clearance under all loading conditions measured from the proposed cable to ground level on each conductor span shall be stated above. Variations in topography resulting in ground elevation changes shall be considered when stating the minimum vertical clearance within a given span.

Proposed Loading Data (Provide Similar Data for each Cable Proposed):

- Weight Data (Cable and Messenger)
 - Vertical Weight, Bare = _____ [#/ft]
- Tension Data (Final Tensions on Messenger)
 - NESC Maximum Load for Area of Construction: _____ [lbs]
 - 60° F, NO Wind: _____ [lbs]

Licensee shall provide for each transverse, guy, or dead end to which guys and/or anchors are attached, the following information:

- Pole Number _____
- Calculated Cable Messenger Tension Under:
NESC Maximum Loading Conditions _____ [lbs]