



## **Foundation Construction Specifications – Bid Summary**

### **30' Diameter Heated Yurt – FPSF Slab Foundation**

- 30' diameter circular slab
- 5" nominal slab thickness (4" minimum, thickened edge per detail)
- 4000 PSI air-entrained concrete
- #4 rebar grid at 18" O.C. (or per engineer)
- Radiant tubing installed and pressure tested prior to pour (mechanical system excluded)

#### **Thickened Edge (FPSF):**

- 14" deep x 24" wide perimeter
- #4 rebar continuous in thickened edge

#### **Insulation:**

- R-10 vertical perimeter insulation extending 36-48"
- R-10 horizontal wing insulation extending 24" minimum
- Insect-resistant, treated, and protected

#### **Subbase:**

- 6" compacted road base
- 15 mil vapor barrier

#### **Finish:**

- Troweled finish suitable for future stain/seal
- Saw-cut control joints: circular ring approx. 8' from perimeter with 4–6 radial joints (no center convergence)

#### **Elevation & Drainage:**

- Slab min 8" above grade
- Slope away from structure

#### **Exclusions:**

- Mechanical radiant heating system
- Interior stain/seal finish