Circle Dilemma Bonus Problem

Fill in the missing angles for circle P given the following: chord AB \cong chord CD; chord GB || chord CD; segments GB and AF are diameters; < KEA = 90°; I, H, and A are all points of tangency; arc BD \cong arc DF; m of arc CH = 22°; m of arc BD = 35°; m of arc AB = 110°; m of arc IJ = 15°; < 6 = 10°

| < 1 = | < 21 = |
|--------|--------|
| < 2 = | < 22 = |
| < 3 = | < 23 = |
| < 4 = | < 24 = |
| < 5 = | < 25 = |
| < 6 = | < 26 = |
| < 7 = | < 27 = |
| < 8 = | < 28 = |
| < 9 = | < 29 = |
| < 10 = | < 30 = |
| < 11 = | < 31 = |
| < 12 = | < 32 = |
| < 13 = | < 33 = |
| < 14 = | < 34 = |
| < 15 = | < 35 = |
| < 16 = | < 36 = |
| < 17 = | < 37 = |
| < 18 = | < 38 = |
| < 19 = | < 39 = |
| < 20 = | < 40 = |