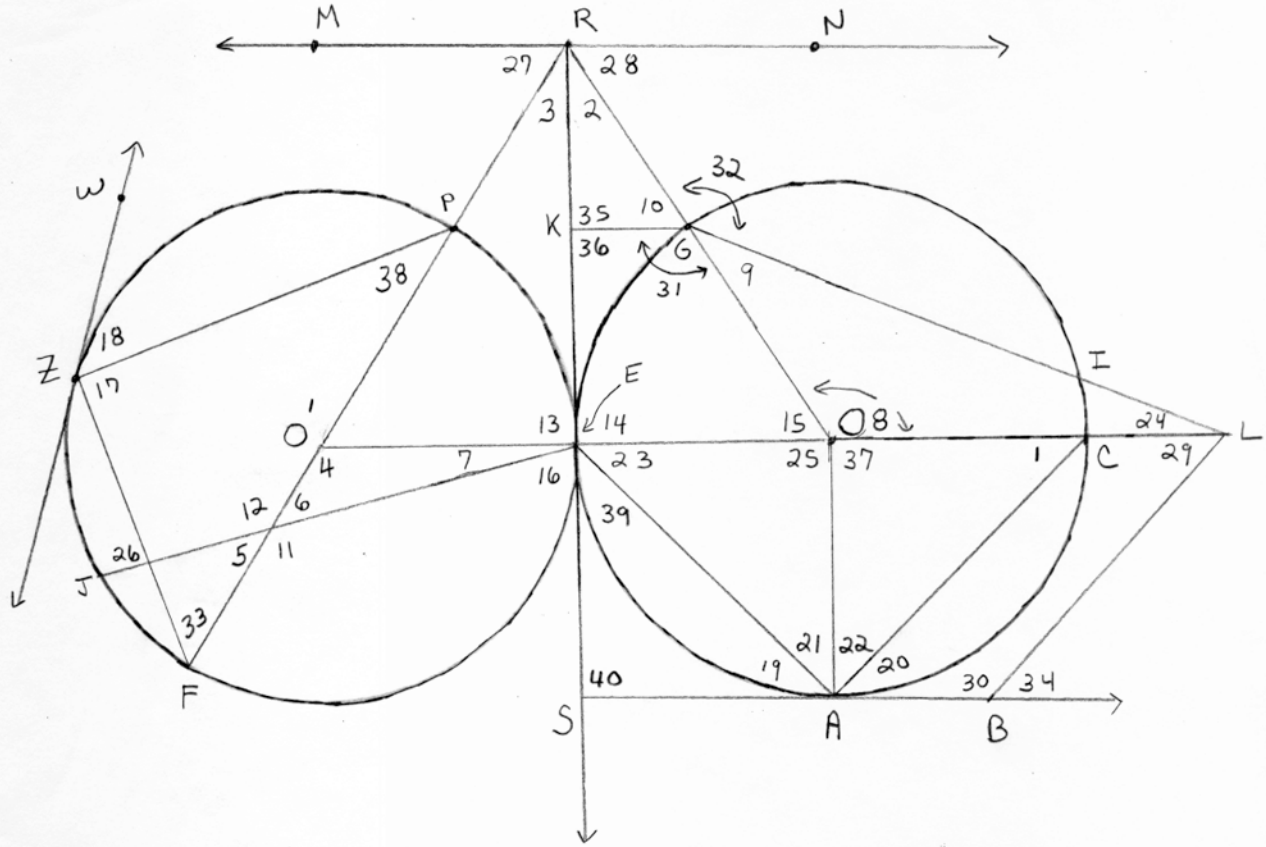

GIVEN: $\odot O \cong \odot O'$

$\overleftrightarrow{RE}$ IS A COMMON TANGENT

$\overleftrightarrow{WZ}$ IS TANGENT AT Z

$\overrightarrow{SB}$ IS TANGENT AT A

$\overline{GK} \perp \overline{RS}$; $\overline{RS} \perp \overline{MN}$

$\overline{AB} = \overline{CL}$

$\triangle RO'E \cong \triangle ROE$

$\widehat{ZJ} = 80^\circ$

$\widehat{JF} = 10^\circ$

$\widehat{EA} = 90^\circ$

$\widehat{IC} = 15^\circ$

$\measuredangle PO'E = 60^\circ$

FIND The following:

$\widehat{JP}$ _____	$\measuredangle 1$ _____	$\measuredangle 11$ _____	$\measuredangle 21$ _____	$\measuredangle 31$ _____
$\widehat{JE}$ _____	$\measuredangle 2$ _____	$\measuredangle 12$ _____	$\measuredangle 22$ _____	$\measuredangle 32$ _____
$\widehat{FPZ}$ _____	$\measuredangle 3$ _____	$\measuredangle 13$ _____	$\measuredangle 23$ _____	$\measuredangle 33$ _____
$\widehat{ZP}$ _____	$\measuredangle 4$ _____	$\measuredangle 14$ _____	$\measuredangle 24$ _____	$\measuredangle 34$ _____
$\widehat{PE}$ _____	$\measuredangle 5$ _____	$\measuredangle 15$ _____	$\measuredangle 25$ _____	$\measuredangle 35$ _____
$\widehat{FE}$ _____	$\measuredangle 6$ _____	$\measuredangle 16$ _____	$\measuredangle 26$ _____	$\measuredangle 36$ _____
$\widehat{EI}$ _____	$\measuredangle 7$ _____	$\measuredangle 17$ _____	$\measuredangle 27$ _____	$\measuredangle 37$ _____
$\widehat{AC}$ _____	$\measuredangle 8$ _____	$\measuredangle 18$ _____	$\measuredangle 28$ _____	$\measuredangle 38$ _____
$\widehat{IG}$ _____	$\measuredangle 9$ _____	$\measuredangle 19$ _____	$\measuredangle 29$ _____	$\measuredangle 39$ _____
$\widehat{GE}$ _____	$\measuredangle 10$ _____	$\measuredangle 20$ _____	$\measuredangle 30$ _____	$\measuredangle 40$ _____