

RESECTION-1

Key

Storage Registers

Point A	<u>5,000.0000</u> N	<u>10,000.0000</u> E	(1)
Point B	<u>6,500.0000</u> N	<u>12,000.0000</u> E	(2)
Point C	<u>4,500.0000</u> N	<u>13,000.0000</u> E	(3)
Line AB	<u>53-07-48.37</u> AZ	<u>2,500.0000</u> D	(4) (5)
Line BC	<u>153-26-05.82</u> AZ	<u>2,236.0680</u> D	(6) (7)
Line AC	<u>99-27-44.36</u> AZ	<u>3,041.3813</u> D	(8) (9)
Triangle ABC	Angle BAC	<u>46-19-55.99</u>	(10)
	Angle CBA	<u>79-41-42.55</u>	(11)
	Angle ACB	<u>53-58-21.46</u>	(12)
	Angle ACO = Angle APO	<u>33-27-55.37</u> α	(13)
	Angle OAC = Angle OPC	<u>17-39-00.45</u> β	(14)
Triangle AOC	Angle COA	<u>128-53-04.19</u>	(15)
	Distance AO	<u>2,154.5349</u>	(16)
	Distance CO	<u>1,184.6640</u>	(17)
Triangle ABO	Angle BAO	<u>28-40-55.54</u>	(18)
Triangle CBO	Angle OCB	<u>20-30-26.09</u>	(19)
Triangle ABO	Distance BO	<u>1,200.4976</u>	(20)
Triangle CBO	Distance BO	<u>1,200.4976</u>	(21) check
Triangle ABO	Angle OBA	<u>59-28-13.06</u>	(22)
Triangle CBO	Angle CBO	<u>20-13-29.49</u>	(23)
Triangle ABP	Angle BAP	<u>87-03-51.57</u>	(24)
Triangle CBP	Angle PCB	<u>142-07-30.06</u>	(25)
Triangle ABP	Distance BP	<u>4,527.6926</u>	(26)
Triangle CBP	Distance BP	<u>4,527.6926</u>	(27) check
Line AP	<u>140-11-39.94</u> AZ	<u>3,905.1248</u> D	(28) (29)
Line CP	<u>191-18-35.76</u> AZ	<u>2,549.5098</u> D	(30) (31)
P (from A)	<u>2,000.0000</u> N	<u>12,500.0000</u> E	(32)
P (from C)	<u>2,000.0000</u> N	<u>12,500.0000</u> E	(33) check