

General Notes:

Please sketch and solve the following intersections. Include all given information in your sketch as well as any calculated intermediate values so that partial credit can be given in the event that your final answer is incorrect. A north arrow will be an invaluable addition to these and all future sketches. Checking is highly encouraged. Please box your final answer or answers.

1. P.O.L. #1 = 5236.4610 N and 9899.8893 E
 Bearing #1 = N88°02'47"E

P.O.L. #2 = 5497.5366 N and 10025.0498 E
 Bearing #2 = S37°02'42"E

5247.17600
10214.01852

2. Radius Point #1 = 3644.2715 N and 6835.9321 E
 Radius #1 = 575.64'

Radius Point #2 = 3892.8846 N and 7725.5150 E
 Radius #2 = 597.42'

4112.97605
7170.11387

and

3416.73499
7364.69343

3. P.O.L. #1 = 5128.0633 N and 9427.8830 E
 Bearing #1 = N67°37'07"E

Radius Point #2 = 5259.4658 N and 10325.0512 E
 Radius #2 = 395.68'

5337.79589
9937.20193

and

5588.19541
10545.27724