Design a circuit which will satisfy the following:
1. Cylinder #1 will have extend, retract and mid-position capability.
2. Cylinder #2 will have extend and retract capability. If the control valve is released, cylinder #2 will automatically retract.
3. Include a filter and regulator for system pressure. Add a gage to display this pressure.
4. Cylinder #1 must operate at a pressure less than system pressure. Add the components necessary to adjust and display this pressure also.