

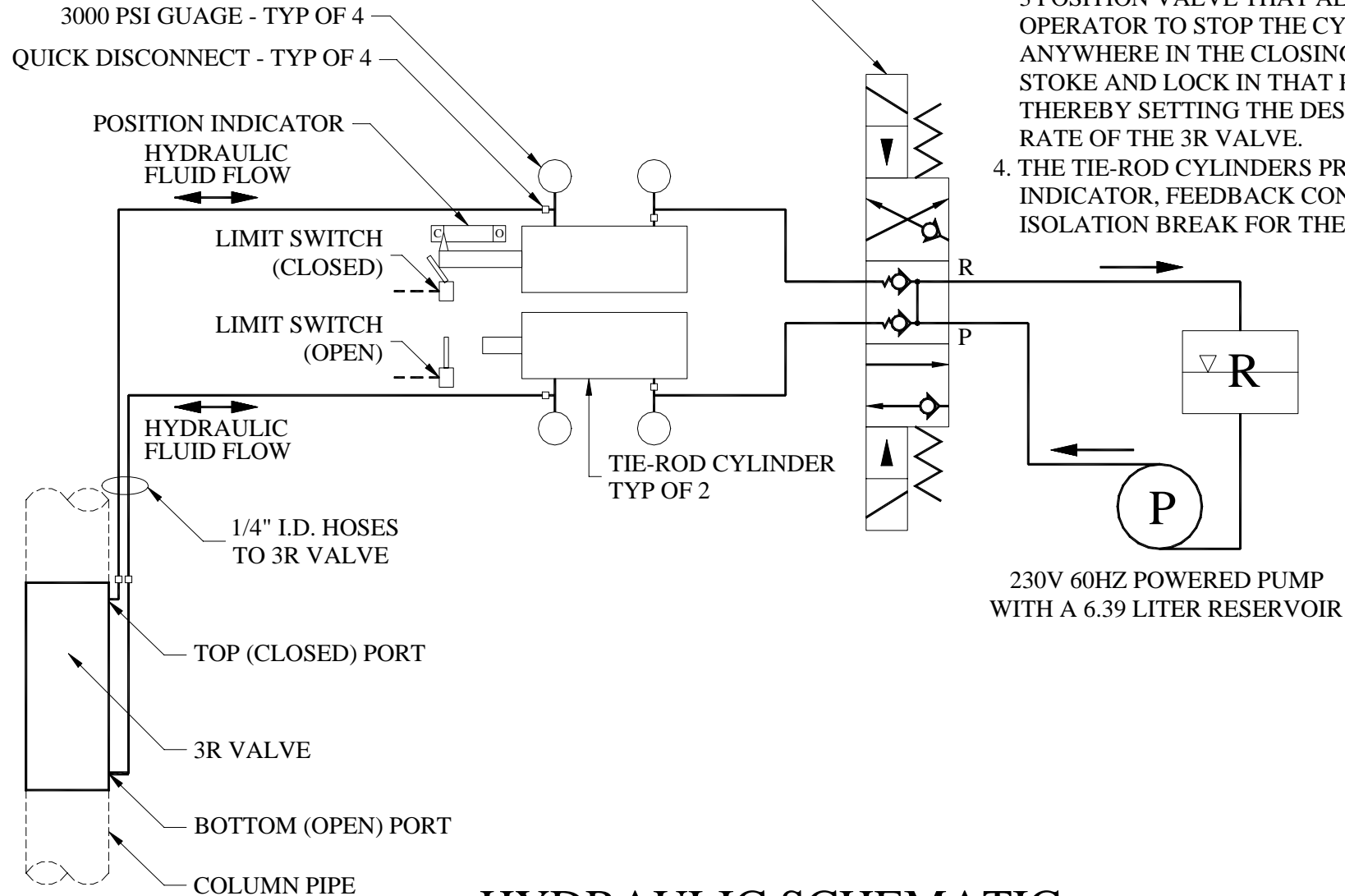
3R VALVE

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SOLENOID OPERATED, MODULAR, 4-WAY
3 POSITION, PUMP MOUNTED, TANDEM CENTER,
WITH A RELIEF VALVE AND LOCKING OPTION

FUNCTION OF COMPONENTS

1. THE HYDRAULIC PUMP IS A 220V, 60HZ UNIT THAT PROVIDES THE POWER AND HYDRAULIC FLUID TO OPERATE THE SYSTEM.
2. THE HYDRAULIC UNIT SHOULD BE POWERED UP 5 SECONDS BEFORE THE SOLENOID IS ENERGIZED AND POWERED DOWN 5 SECONDS AFTER THE SOLENOID IS DE-ENERGIZED.
3. THE SOLENOID VALVE IS A 4-WAY, 3 POSITION VALVE THAT ALLOWS THE OPERATOR TO STOP THE CYLINDER ANYWHERE IN THE CLOSING OR OPENING STROKE AND LOCK IN THAT POSITION, THEREBY SETTING THE DESIRED FLOW RATE OF THE 3R VALVE.
4. THE TIE-ROD CYLINDERS PROVIDE A POSITION INDICATOR, FEEDBACK CONTROL, AND AN ISOLATION BREAK FOR THE HYDRAULIC FLUID.



HYDRAULIC SCHEMATIC