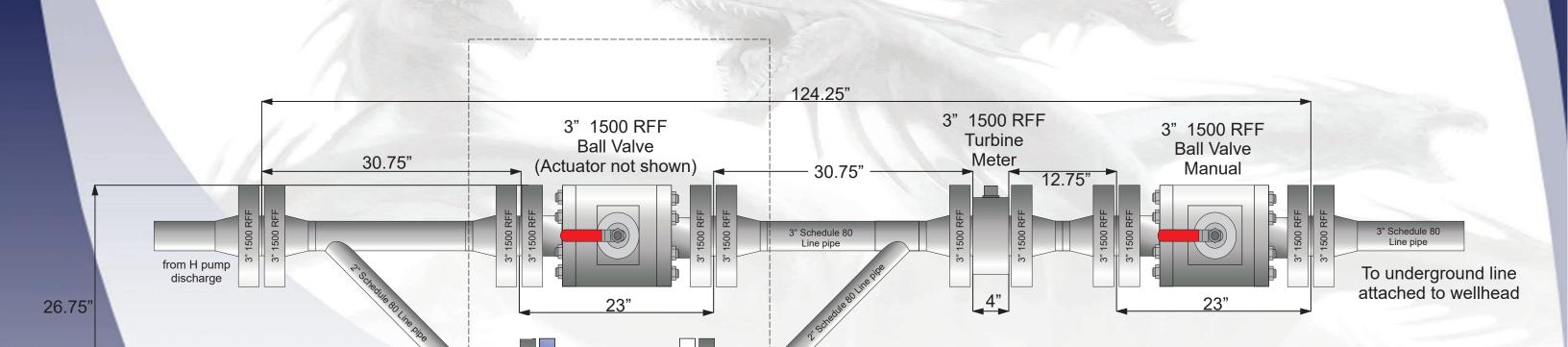


Throttling Valve Application

H-Pump Disposal Well Startup



Note: It is recommended that the three inch ball valve be automated and sequenced to close on startup. After a programed time interval or predetermined pressure on the inlet of the disposal well valve is moved to the full open position. 2" 1500 RFF Hydroplex Model HCY Throttling Valve (Actuator not shown)

Both valves are controlled via PLC based on operating parameters of pressure, flow or a combination of both. Control system furnish by client.

Note: The Hydra Choke should be automated to sequence open as the pump ramps up. It is not necessary to shut it off after ball valve is opened however the ball valve and choke valve should be closed on shut down.

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