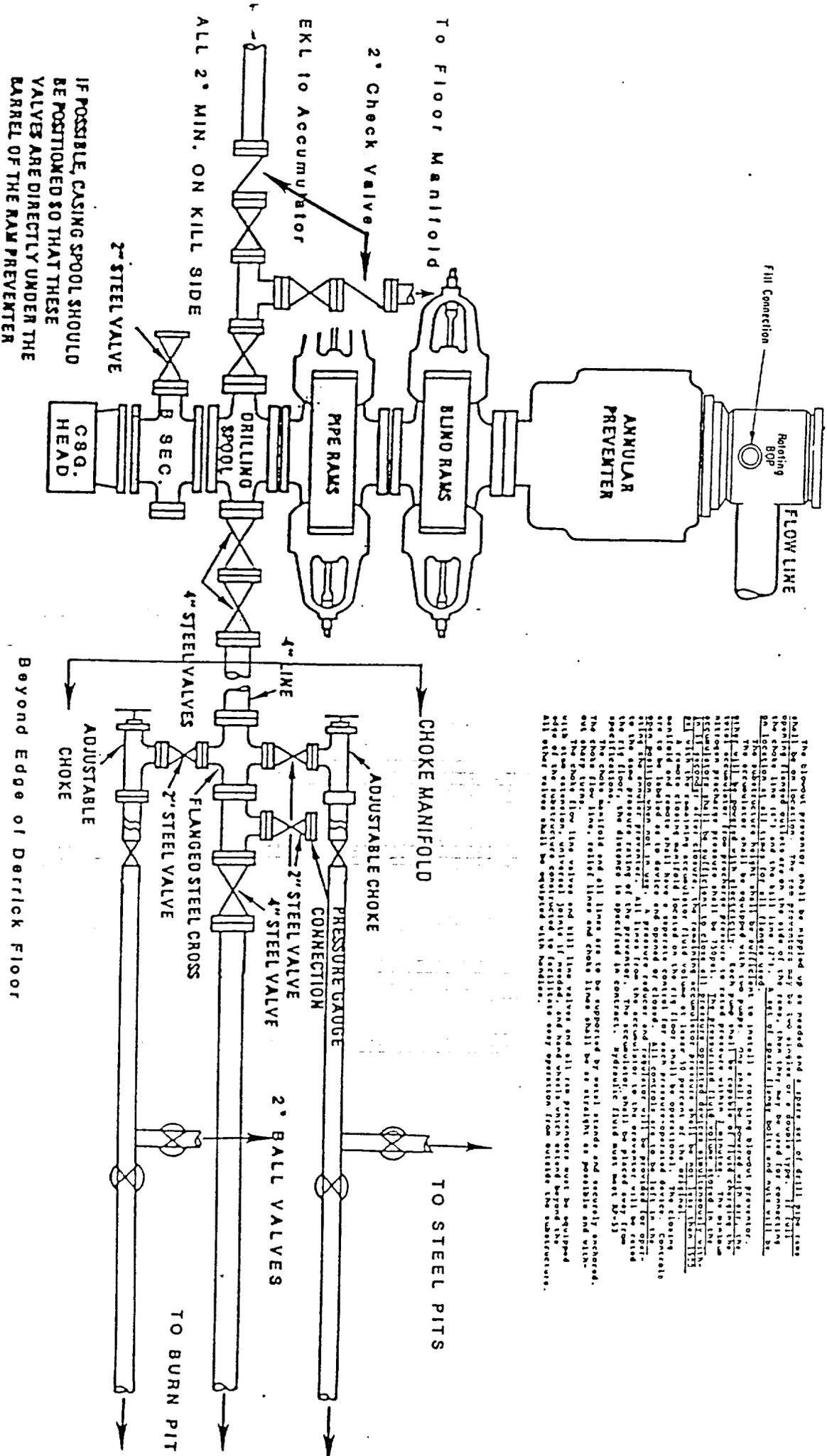


CLASS THREE PREVENTER



The blowout preventer shall be supplied up as needed and a gear set of drill pipe case shall be on location. The ram preventer shall be of the rotary or double type, connecting the choke line 17" and the kill line 17". A set of spare flange bolts and nuts shall be on location at all times for all flange joints.

The substructure support shall be sufficient to install a rotating blowout preventer. The rig shall be equipped with two pumps. One shall be capable of fluid charging the line accumulator from the annular preventer. The pressure within the annular preventer shall be sufficient to close all rotating preventer devices simultaneously. The pressure within the annular preventer shall be 100 psi. The pressure within the annular preventer shall be 100 psi. The pressure within the annular preventer shall be 100 psi.

A ramming ramming accumulator fluid volume of less than 10 percent of the original annular and ramming ramming shall be located on the rig floor shall be operational. The closing eye to be labeled as to device and opened manually for each pressure-operated device. Controls shall be provided for the preventer. All lines from the accumulator to the preventer will be rated the rig line. The pressure rating of the preventer. The accumulator shall be placed very firm specification, the device is specified in contract. Hydraulic fluid must meet M-31.

The choke manifold and all lines are to be supported by steel stands and securely anchored. The choke flow line valves and kill line valves and all ram preventers must be equipped with eye of the operation, universal joints if needed, and hand wheels which extend beyond the structure. The ram preventer shall be equipped with handles.

IF POSSIBLE, CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER

Beyond Edge of Derrick Floor

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