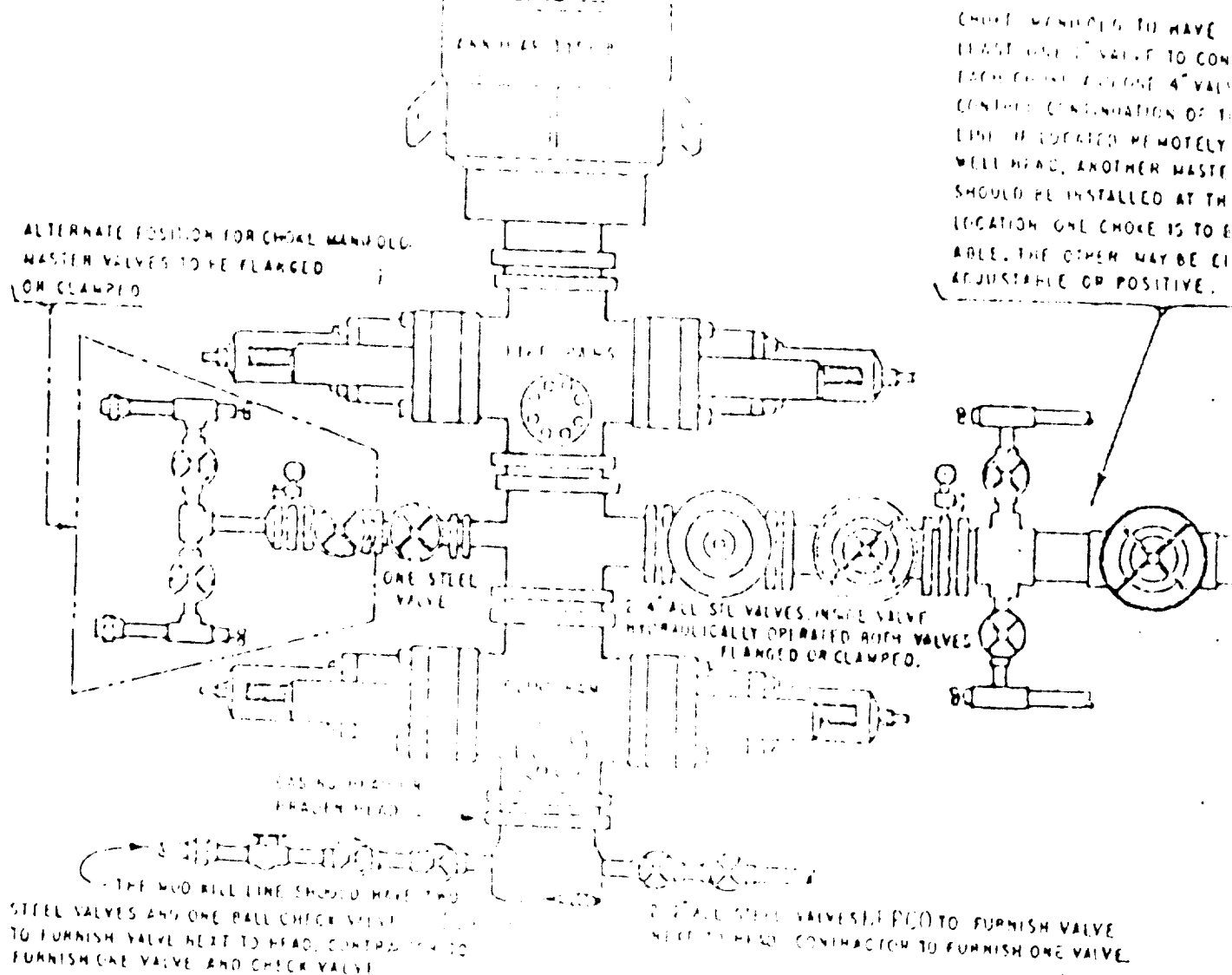




THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. FUNCTIONS PERFORMED BY AN ANNULAR BLOWOUT PREVENTER ON PIPE RAMS AND CHOKES. SHOULD BE EITHER
 - (1) TWO RAM TYPE BLOWOUT PREVENTERS BELOW THE CHOKES, THE LOWER UNIT CONTAINING BLIND RAMS AND THE UPPER UNIT CONTAINING PIPE RAMS, OR
 - (2) A DUAL BLOWOUT PREVENTER ABOVE THE CHOKES WITH BLIND RAMS ON BOTTOM AND PIPE RAMS ON TOP.
- B. OPENING ON CHOKES SHOULD BE FLANGED, STUDDED OR CLAMPED.
- C. ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PIPE RAMS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
- D. THE AVAILABLE CLOSING PRESSURE SHALL BE AT LEAST 50% IN EXCESS OF THAT REQUIRED WITH SUFFICIENT VOLUME TO OPERATE THEM.
- E. ALL CONNECTIONS TO AND FROM BLOWOUT PREVENTER SHALL BE ALL STEEL RAMS EQUIVALENT TO THAT OF THE B.O.P.
- F. MANUAL CONTROLS SHALL BE INSTALLED AT LEAST TWO LOCATIONS.
- G. FIRST COILS SHALL BE INSTALLED IN FIELD.
- H. INSIDE BLOWOUT PREVENTER SHALL BE AVAILABLE IN FIELD.
- I. DUAL OPERATING CONTROLS ONE LOCATED IN OPERATING POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.