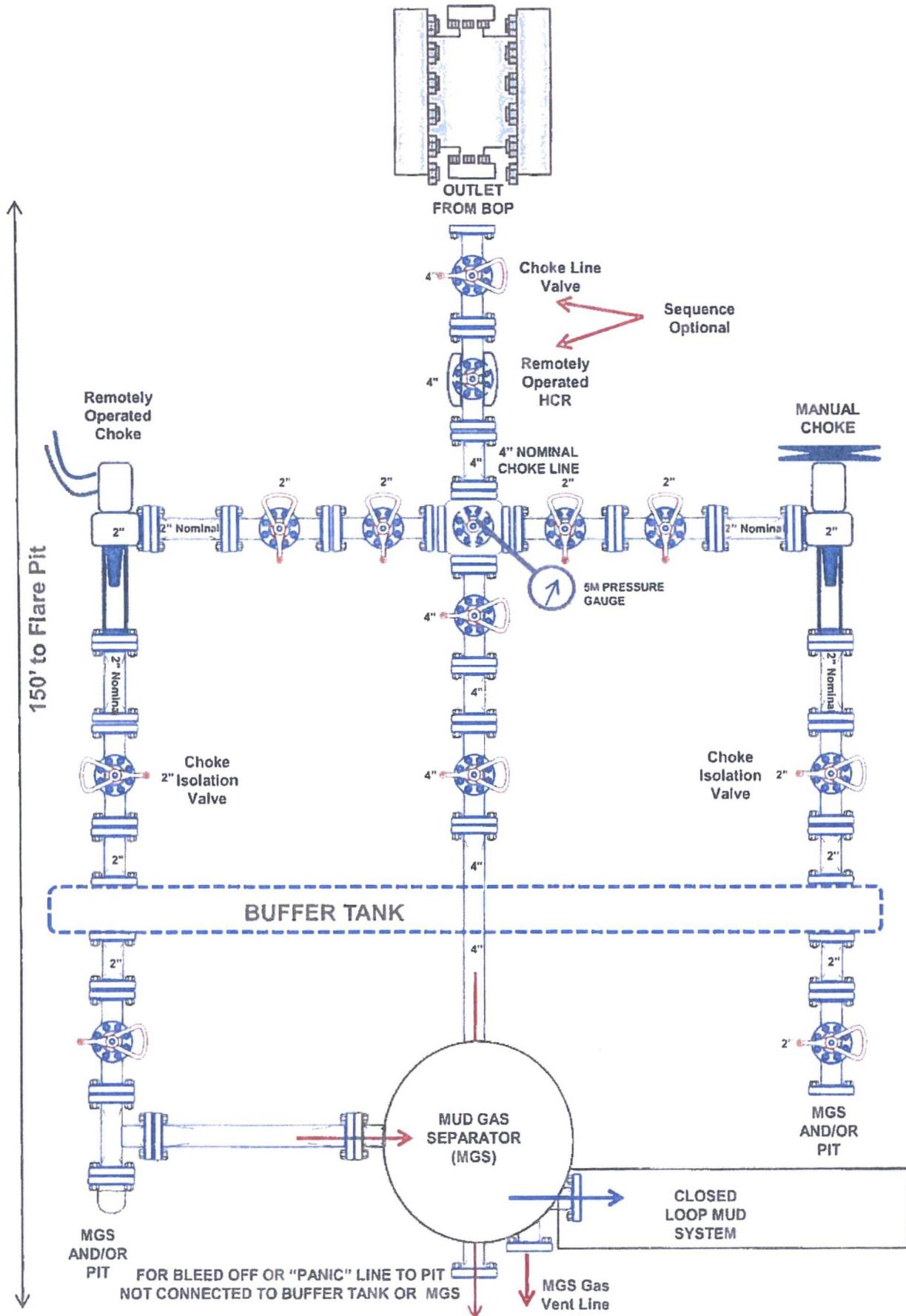
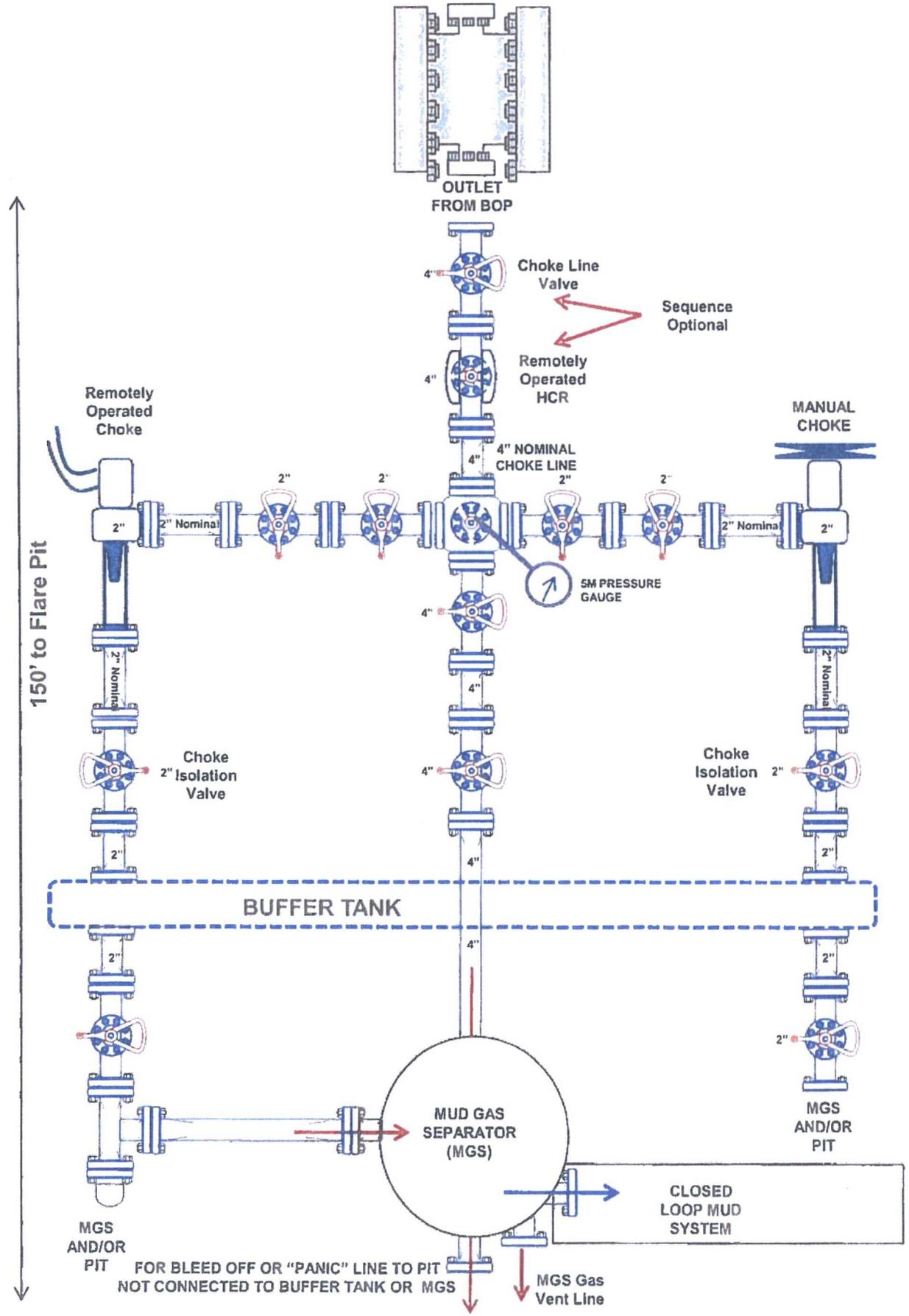


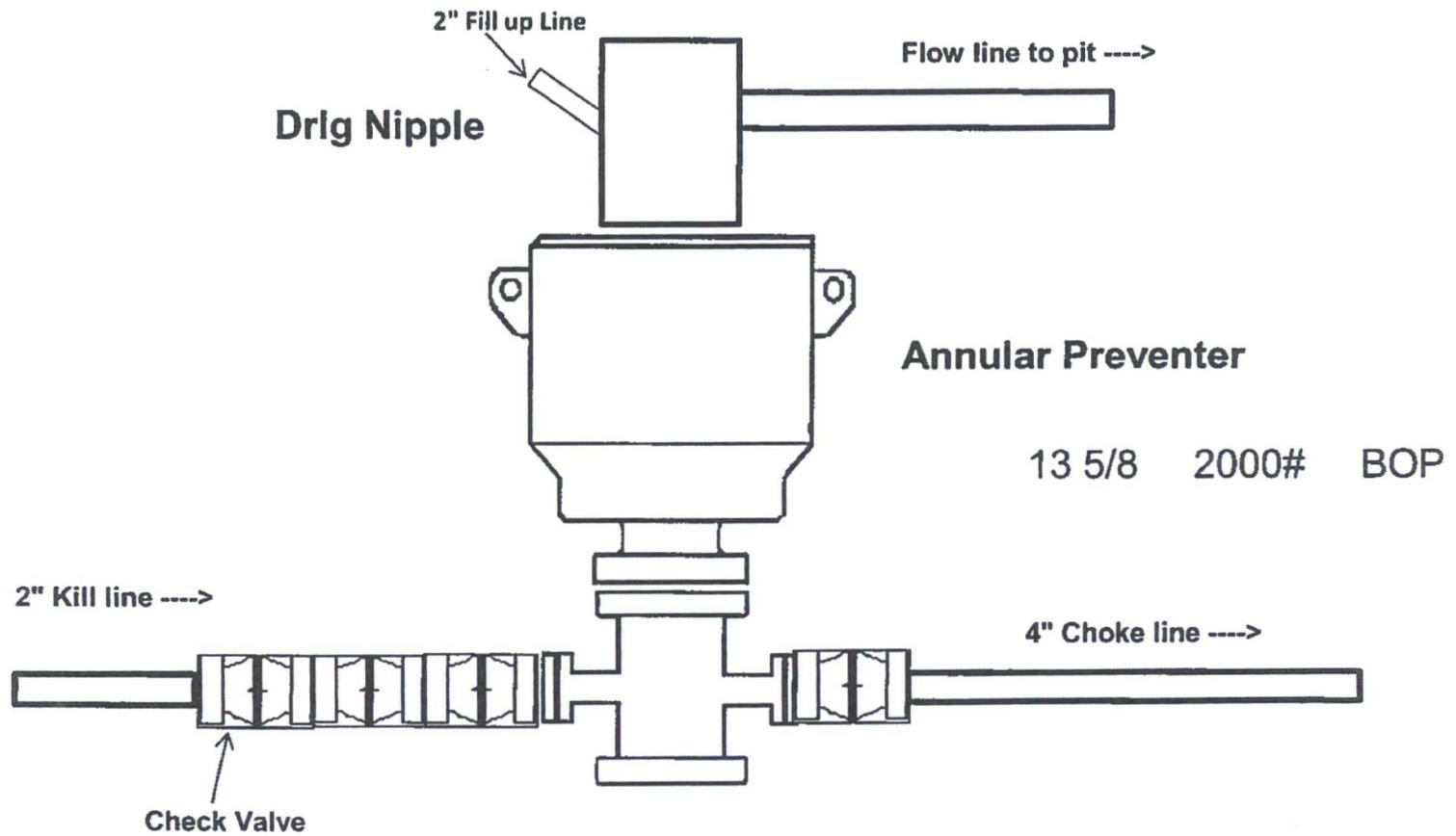
2M Choke Manifold Equipment (WITH MGS + CLOSED LOOP)



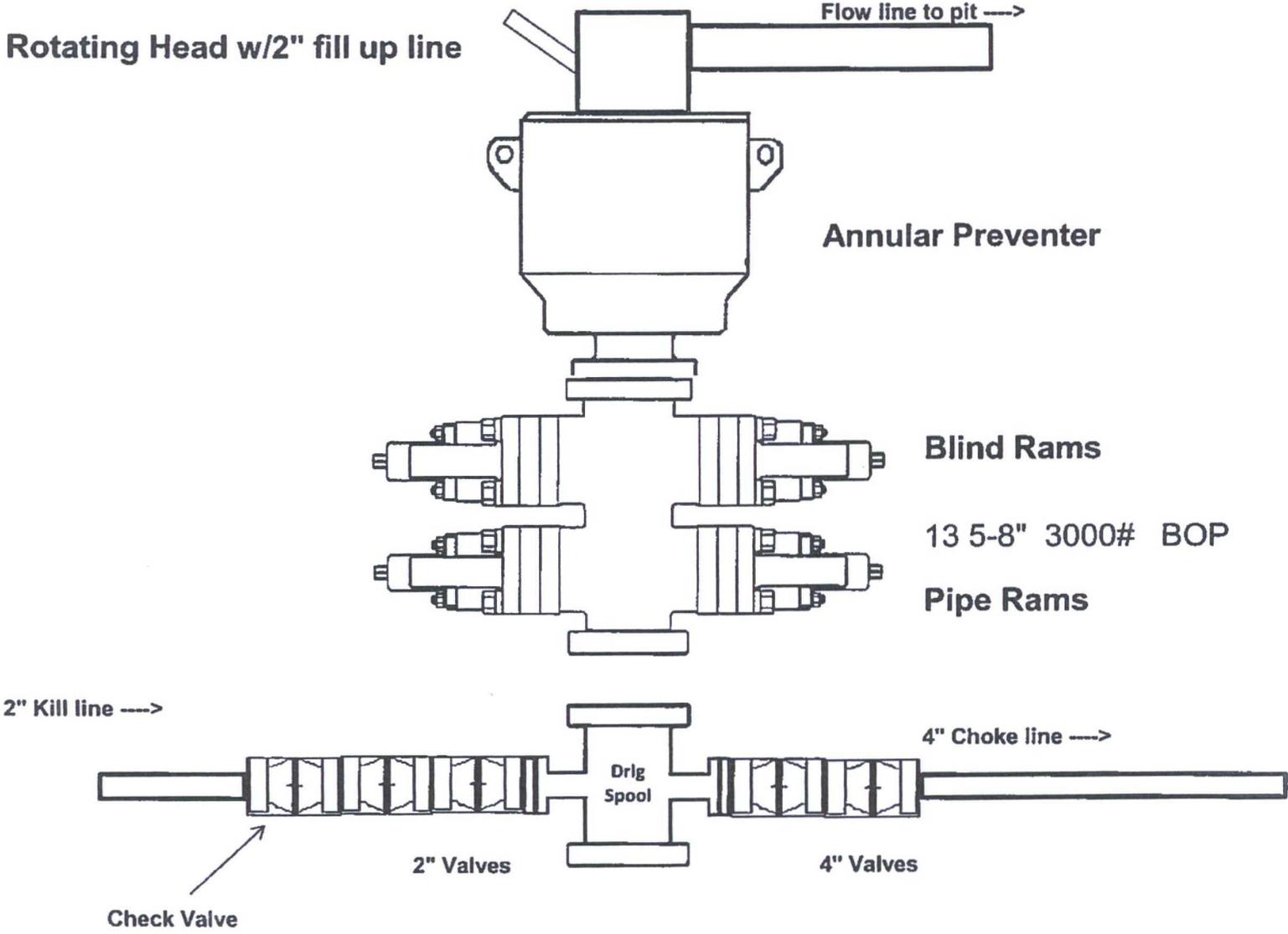
3M Choke Manifold Equipment (WITH MGS + CLOSED LOOP)



2,000 psi BOP Schematic



3,000 psi BOP Schematic



2. Casing Program

| Hole Size | Casing | | Csg. Size | Weight (lbs) | Grade | Conn. | SF Collapse | SF Burst | SF Tension |
|---------------------------|--------|--------|-----------|--------------|-------|-------|-------------|----------|--------------------|
| | From | To | | | | | | | |
| 17.5" | 0 | 855 | 13.375" | 54.5 | J55 | STC | 2.89 | 1.38 | 11.03 |
| 12.25" | 0 | 4615 | 9.625" | 40 | J55 | LTC | 1.05 | 1.11 | 2.82 |
| 8.75" | 0 | 14,008 | 5.5" | 17 | P110 | LTC | 1.67 | 2.98 | 2.85 |
| BLM Minimum Safety Factor | | | | | | | 1.125 | 1 | 1.6 Dry 1.8 Wet |

Intermediate casing will be kept at least 1/3 full while running casing to mitigate collapse. Intermediate burst based on 0.7 frac gradient at the shoe with Gas Gradient 0.1 psi/ft to surface.

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III B.1.h

2. Casing Program

| Hole Size | Casing | | Csg. Size | Weight (lbs) | Grade | Conn. | SF Collapse | SF Burst | SF Tension |
|---------------------------|--------|--------|-----------|--------------|-------|-------|-------------|----------|--------------------|
| | From | To | | | | | | | |
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