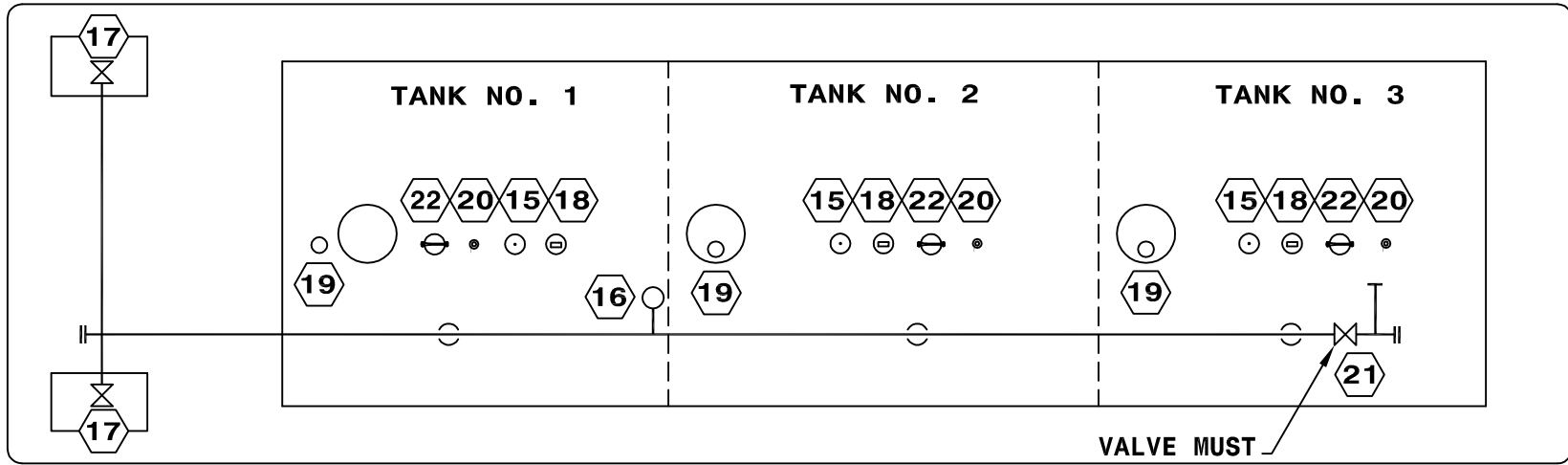


## CARGO SYSTEM

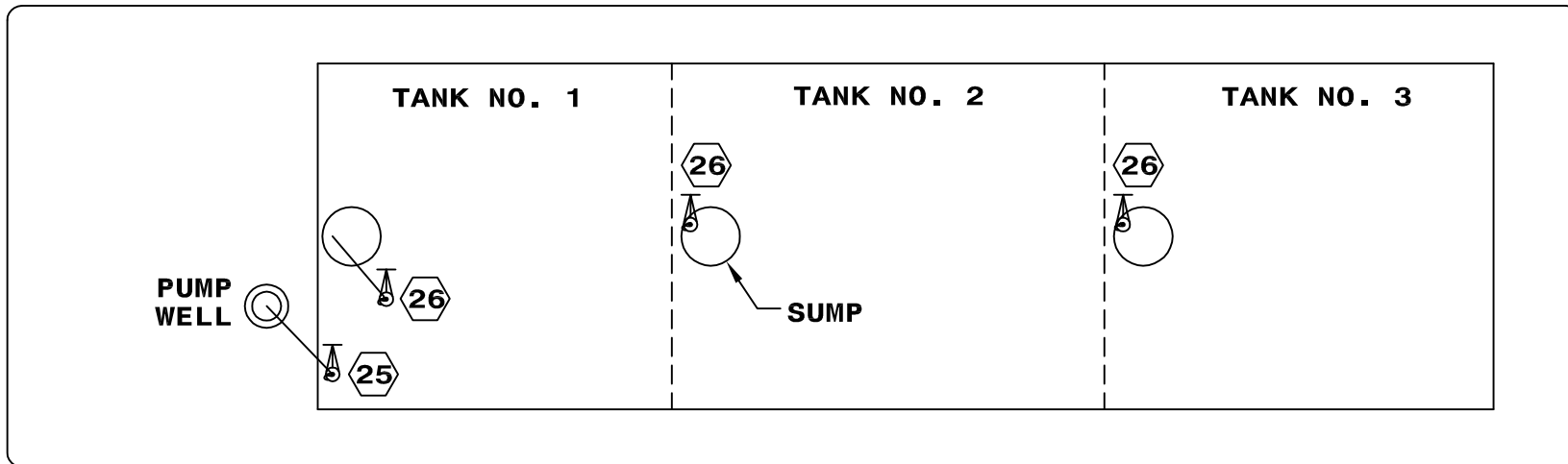
- |                                   |                                      |
|-----------------------------------|--------------------------------------|
| ① - 8" CARGO SUCTION VALVE        | ⑥ - 2" BYPASS AT CHECK VALVE         |
| ② - 10" PUMPWELL BLOCK VALVE      | ⑦ - 1 1/2" PUMPWELL VENT VALVE       |
| ③ - 8" CARGO PUMP DISCHARGE VALVE | ⑧ - 6" CARGO RELIEF VALVE            |
| ④ - 8" CARGO HEADER SHUTOFF VALVE | ⑨ - 8" CARGO HEADER BLOCK VALVE      |
| ⑤ - 8" CARGO FILL VALVE           | ⑩ - 8" CARGO CHECK VALVE             |
|                                   | ⑪ - 1 1/2" PUMPWELL VENT CHECK VALVE |



VALVE MUST  
BE CLOSED FOR  
VAPOR RECOVERY

**VAPOR SYSTEM**

- |                                                                           |                                |
|---------------------------------------------------------------------------|--------------------------------|
| 15 - HIGH LEVEL DIP STICK                                                 | 19 - SIGHT GLASS w/ GAUGE TREE |
| 16 - 6" HIGH VELOCITY<br>P.V. VALVE<br>3.0 PSI PRESSURE<br>1.0 PSI VACUUM | 20 - 2" CLOSED GAUGING VALVE   |
| 17 - 8" VAPOR HEADER SHUTOFF                                              | 21 - 8" VAPOR HEADER VALVE     |
| 18 - HIGH LEVEL AND<br>OVERFILL ALARM                                     | 22 - 10" ULLAGE HATCH          |



### STRIPPING SYSTEM

 - 2" PUMPWELL STRIPPING VALVE

 - 2" CARGO STRIPPING VALVE